

For Years, IS&T Has Monitored Network Data Without Policy

By Quentin Smith
STAFF REPORTER

Since 1999, Information Services and Technology has been collecting information about campus network traffic without an official policy governing how it may use or store the data.

Currently, IS&T monitors all network connections within campus, originating from campus or destined for campus, and makes a record of who connected to whom.

For instance, the logs would be able to show that a student visited a particular website at a particular time, but not what the website contained.

According to Timothy J. McGovern, Manager of I/T Security Support, this information is only stored for three days, though there is no official policy.

IS&T also monitors raw data going from and to MIT, which is scanned for anomalous patterns. Though it is possible for someone to look at the raw data, McGovern said that nobody does. Any suspicious activity is logged for no more than 30 days, McGovern said.

McGovern emphasized that no one outside of IS&T has access to the raw data or logs.

IS&T does not publicize any of these practices on its website.

Undergraduate Association President Noah S. Jessop '09 said he was surprised that IS&T was collecting this information without notice. "It is not the kind of thing I would expect from MIT, and it is definitely not the kind of thing that I would expect to

Monitoring, Page 17

Varsity Sports To Be Cut After CPW, Before May

By Shreyes Seshasai
CONTRIBUTING EDITOR

As administrators of MIT's athletic department continue to deliberate on which of MIT's 41 varsity sports will be cut, student athletes have little to do but wait for the decision, which is expected before the month's end.

Equally unsure of their fate are admitted students, who come to Campus Preview Weekend without knowing if their sport will still exist if they enroll in the fall.

No significant changes are planned for the athletics fair Fri-

day afternoon, held annually during CPW.

A decision on which sports to cut will be made by the end of the month, just before the May 1 deadline for admitted students to decide whether they will enroll. "MIT understands the timeliness of the decisions, and we intend to be respectful of that," said Julie Soriero, head of MIT's athletics department.

Soriero and other Department of Athletics, Physical Education, and Recreation administrators continue

Sports Cuts, Page 21

Campus Preview Weekend Draws Record Crowd, Awesome Weather



STEVE HOWLAND—THE TECH

East Campus residents prepare wildly-flavored liquid nitrogen ice cream during the CPW festival on April 16. The selection included blueberry, vanilla, mango, and rhubarb ice cream, along with an array of fun toppings.

By Ziwei Hao
STAFF REPORTER

This weekend, a record number of prospective freshmen are expected to arrive at MIT for this year's Campus Preview Weekend. Over a thousand students from all over the world will gather for a nonstop 72-hour experience involving over 640 events.

Dean of Admissions Stuart Schmill '86 said that this year's CPW will be the largest ever, with a record attendance of 1061 prospective fresh-

men, up from 1021 last year. 862 parents will also be on campus. With the acceptance rate down from last year's 11.9% to this year's 10.2%, Schmill said he believes that MIT has selected the highest caliber students from one of the most competitive applicant pools ever.

This year, art portfolios from prospective freshmen were shown off in the student center near the CPW registration area. The display included self-portraits, photos of Machu Pic-

chu, and even pictures of a "Moulin Rouge" set made by a prospective student for her school's prom.

The weekend commenced with the CPW Opening Ceremony at Rockwell Cage. Undergraduate Association President Noah S. Jessop '09 welcomed the students and introduced Schmill, who shared some interesting facts about the Class of 2013. The most popular male and

CPW, Page 15

Life Placed On Hold: Visa Delays Present New Hurdles for International Students

By Elijah Jordan Turner
ASSOCIATE NEWS EDITOR

When Shuo Chen applied for a new U.S. visa from her home country on Dec. 18, she was expecting to receive it in time to return to MIT at the beginning of January. However, after

turning in her application to the U.S. embassy in China, she was told that her application could take up to eight weeks.

Meanwhile, colleagues at the Electrochemical Energy Lab said the unexpected absence of Chen was a serious hindrance to their research.

"It was like missing an arm," one of her colleagues said.

Penny Rosser, director of the International Scholars Office, said that such extensive visa delays can result when the U.S. decides to perform an

additional security check on an applicant. The reason why particular individuals are selected for additional screening is not disclosed, as the State Department considers the checks a matter of national security.

"They told me, 'don't book your tickets'," said Chen, who had already purchased a ticket to return on Jan. 5.

While her parents were happy to see their daughter for an extended period of time, they shared Chen's

Visa Delays, Page 19

In Short

¶ **The Dalai Lama** is coming to MIT on April 30. Isn't that so cool?!

¶ **Campus Preview Weekend** has begun! MIT students frenetically try to recruit prospective students. Schedule of events at <http://web.mit.edu/admissions/cpw/>.

¶ **Drop date** is April 23. For more information about drop date procedures, see <http://web.mit.edu/registrar/>.

¶ **McMaster-Carr** is now an ECAT³ vendor. A great source for anything mechanical. <http://web.mit.edu/ecat>.

¶ **Jake DeSantis '92**, the AIG executive who publicly resigned in a letter to *The New York Times* on March 24, is apparently still working at AIG!

Send news information and tips to news@the-tech.mit.edu.

The Tech will not print next Tuesday because of Patriots Day. No school Monday and Tuesday!



ANDREA ROBLES—THE TECH

Rebecca E. Krentz-Wee '11 mans the Lobby 10 booth for the Institute Screw Contest on Thursday. The contest is an annual charity fundraiser sponsored by Alpha Phi Omega that honors administrators or professors who are known for "screwing" over students. Chancellor Clay leads the pack with \$136; next is Dan Frey with \$112. Today is the last day to vote.

New Energy Minor, HASS Changes Proposed at Faculty Meeting

MIT will offer an energy minor this fall, pending faculty vote on an interdisciplinary council to govern the new minor. The energy minor will require six subjects, including one in each of three categories: energy science, the social science of energy, and energy technology and engineering.

Nine new energy courses will be introduced next year, including 12.340 "Global Warming Science," 15.031J "Energy Decisions, Markets, and Policies," and STS.032 "Energy, Environment, and Society." Additional graduate subjects will be adapted for undergraduates, including 22.081J "Sustainable Energy" and 11.168, "Enabling an Energy Efficient Society."

Despite Institute-wide budget cuts, the minor has garnered enough funds to support curriculum development for "at least two years" ac-

Curriculum, Page 21

CPW SPECIAL
Meet the incoming class
Page 12–13
Prefrosh write about
their first day
Page 15

World & Nation 2
Opinion. 4
Comics / Fun Pages . . . 7
Arts 10
Sports 24

WORLD & NATION

French Navy Seizes 11 Accused of Pirate Attacks

By Sharon Otterman and Mark McDonald

THE NEW YORK TIMES

French forces detained 11 people suspected of being pirates during an assault on what they described as a pirate “mother ship” in the Indian Ocean off Somalia on Wednesday.

On Tuesday evening, an American cargo ship was attacked in the same region, and its distress call was answered by the Navy destroyer Bainbridge. Last week the Bainbridge responded after pirates attacked another American-flagged ship and took its captain hostage. On Sunday, Navy commandos killed the pirates and rescued the captain, Richard Phillips. Captain Phillips was still on the Bainbridge when it responded to the attack on Tuesday.

Pirate activity has sharply increased in recent months in the open seas off the Horn of Africa, drawing assertive military operations by the American and French navies. Last week, French naval forces freed a yacht, the Tanit, in an operation in which two pirates and a hostage were killed. Three pirates taken prisoner in that episode have been sent to France.

China Sees a Slight Lift in Spring Factory Orders

By Keith Bradsher

THE NEW YORK TIMES

GUANGZHOU, CHINA

Chinese manufacturers say orders are starting to recover from their steep plunge over the winter, but demand from Europe and, especially, the United States remains anemic.

Although exporters here for the opening of Asia’s biggest trade fair cited a small uptick in orders for the coming months, the overall Chinese economy slowed in the first quarter of this year mainly because of slower exports. The National Bureau of Statistics announced on Thursday morning that the economy grew 6.1 percent in the first quarter, roughly in line with expectations.

The first quarter growth rate means that the Chinese economy expanded much faster over the winter than any other major world economy, although more slowly than many in China have come to expect, and slower than its 6.8 percent pace in the fourth quarter.China’s slowdown has been felt most keenly by export-oriented factories and their workers, which are heavily concentrated in the Shanghai area and here in Guangzhou. By contrast, “domestic consumption has been holding up very well,” said Frank Gong, an economist in the Hong Kong offices of JPMorgan.

Control Of Cybersecurity Becomes Divisive Issue

By James Risen and Eric Lichtblau

THE NEW YORK TIMES

WASHINGTON

The National Security Agency has been campaigning to lead the government’s rapidly growing cybersecurity programs, raising privacy and civil liberties concerns among some officials who fear that the move could give the spy agency too much control over government computer networks.

The Obama administration is expected to complete an internal cybersecurity review on Friday and may publicly announce its new computer-security strategy as early as next week, White House officials said Thursday. That plan will determine the scope of cybersecurity efforts throughout the federal government, they said, as well as which agencies will take leading roles in protecting the government’s computer systems.

The security agency’s interest in taking over the dominant role has met resistance, including the resignation of the Homeland Security Department official who was until last month in charge of coordinating cybersecurity efforts throughout the government.

Obama Releases Torture Memos that Guided CIA

By Mark Mazzetti and Scott Shane

THE NEW YORK TIMES

WASHINGTON

The Justice Department made public detailed memos on Thursday describing brutal interrogation techniques used by the CIA, as President Barack Obama sought to reassure the agency that CIA operatives who carried out the techniques would not be prosecuted.

In dozens of pages of dispassionate legal prose, the methods approved by the Bush administration for extracting information from senior al-Qaida operatives are spelled out in careful detail — from keeping detainees awake for up to eleven straight days, to placing them in a dark, cramped box, to putting insects into the box to exploit their fears.

The interrogation methods were authorized beginning in 2002, and some were used as late as 2005 in the CIA’s secret overseas prisons. The techniques were among the Bush administration’s most closely guarded secrets, and the documents released Thursday afternoon marked the most comprehensive public accounting to date of the program.

Some Obama administration officials have labeled one of the 14 approved techniques, waterboarding, as illegal torture. During war crimes trials after World War II, the United States prosecuted some Japanese interrogators for waterboarding and other methods detailed in the memos.

The release of the documents came after a bitter debate that divided the Obama administration. Fueling the urgency of the discussion was Thursday’s court deadline in a lawsuit filed by the American Civil Liberties Union, which had sued the government for the release of the Justice Department memos.

Together, the four memos give an extraordinarily detailed account of the CIA’s methods and the Justice Department’s long struggle, in the face of graphic descriptions of brutal tactics, to square them with international and domestic law. Passages describing forced nudity, slamming into walls, prolonged sleep deprivation and dousing with 41 degree water alternate with elaborate legal arguments concerning the international Convention against Torture.

The documents were released

with minimal redactions, indicating that Obama sided against current and former CIA officials who for weeks had pressed the White House to withhold sensitive details about specific interrogation techniques. CIA Director Leon Panetta had argued that revealing such information set a dangerous precedent for future disclosures of intelligence sources and methods. A more pressing concern for the CIA is that the revelations might give new momentum to a full-blown investigation into Bush administration counterterrorism programs and possible torture prosecutions.

Within minutes of the release of the memos, Sen. Patrick J. Leahy, D-Vt., the chairman of the Senate Judiciary Committee, said that the memos illustrated the need for his proposed independent “Commission of Inquiry,” which would offer immunity in return for candid testimony. Obama condemned what he called a “dark and painful chapter in our history,” and said that the interrogation techniques would never be used again, but he also repeated his opposition to a lengthy inquiry into the past.

Study Finds Mega-Droughts in Africa in Past

By Andrew C. Revkin

THE NEW YORK TIMES

For at least 3,000 years, a series of potent droughts, far longer and more severe than any experienced recently, have seared a belt of sub-Saharan Africa that is now home to tens of millions of the world’s poorest people, climate researchers report in a new study.

The last such drought, persisting more than three centuries, ended around 1750, the research team writes in the April 17 issue of the journal Science.

The scientists warned that more such mega-droughts are inevitable, although there is no way to predict when the next one could unfold.

That sobering prediction emerged from the first study of year-by-year climate conditions in the region over the millennia, based on layered mud and dead trees in a crater lake

in Ghana. Although the evidence was drawn from a single water body, Lake Bosumtwi, the researchers said there was evidence that the drought patterns etched in the lake bed extended across a broad swath of West Africa. The lead authors of the report, Timothy M. Shanahan of the University of Texas at Austin and Jonathan T. Overpeck of the University of Arizona, warned that global warming was likely to exacerbate those droughts.

Kevin Watkins, director of the office of Human Development Reports of the United Nations, said: “Many of the 390 million people in Africa living on less than \$1.25 a day are smallholder farmers that depend on two things: rain and land. Even small climate blips such as a delay in rains, a modest shortening of the drought cycle, can have catastrophic effects.”

Given the sub-Saharan region’s persistent vulnerability, Watkins add-

ed, the new findings and the prospect of further global warming could be “early warning signs for an unprecedented and catastrophic reversal in human development.” The study said that some of the past major droughts appeared to be linked to a distinctive pattern of increases and reductions in surface temperatures of the Atlantic Ocean, known as the Atlantic multi-decadal oscillation.

Typically over the last 3,000 years, a severe drought developed every 30 to 65 years, the researchers said. But several centuries-long droughts in the climate record, the most recent persisting from 1400 to around 1750, are harder to explain. While that drought occurred during a cool spell in the Northern Hemisphere called the “Little Ice Age,” other sustained droughts appear to have hit West Africa when the world was warm overall, they reported.

WEATHER

Stormy Out West, Quiet Over East

By Garrett P. Marino

STAFF METEOROLOGIST

Today will feature two extremes over the eastern two-thirds of the country: a strong spring storm will be slow to move over the eastern Rockies/southern Plains, while the East Coast will experience a pleasantly warm day. The exact track of the spring storm out west is still uncertain, but the potential exists for a foot to over two feet of heavy wet snow over the mountains and along the foothills and adjacent plains in Colorado. Imagine trying to shovel that! Meanwhile, on the warm side of the storm, areas of Texas will receive beneficial heavy rain. The entire storm-affected area is currently in a moderate to severe drought, so any precipitation will be helpful.

Luckily for us in the Boston area, we won’t be getting any powerful spring storms during the next few days. In fact, today will be the pick of the year thus far, with full sun and temperatures around 70°F (21°C)! A cold front will move through the region on Saturday evening, bringing with it a chance of light right for a brief time. The rest of the weekend will be dry with near-average temperatures.

Extended Forecast

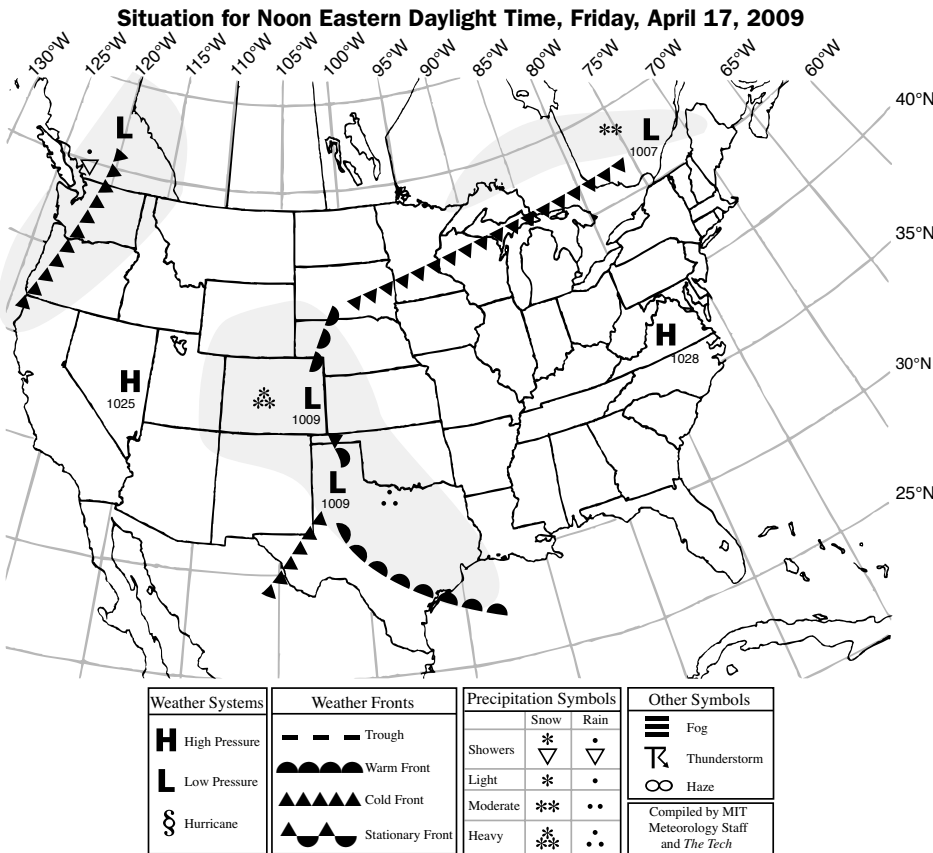
Today: Sunny and warm. Highs near 70°F (21°C).

Tonight: Clear in the evening, then turning mostly cloudy. Lows in the upper 40s°F (9°C).

Tomorrow: Mostly cloudy with highs near 60°F (16°C).

Tomorrow night: A chance of light rain in the evening. Lows in the lower 40s°F (5°C).

Sunday: Partly sunny with highs around 50°F (10°C).



New York Governor Offers Bill To Legalize Same-Sex Marriage

By **Jeremy W. Peters**
THE NEW YORK TIMES

NEW YORK
Gov. David A. Paterson introduced a bill on Thursday to legalize same-sex marriage, vowing to personally involve himself in the legislative debate at a level that is rare for a New York governor.

Throwing the weight of his office behind legislation that still faces considerable obstacles in the state Legislature in Albany, Paterson said he would leverage the personal relationships he developed over two decades in the state Senate to see the bill voted on — and passed. The vote is expected to turn on the thinnest of margins in the Senate, and some advocates say Paterson’s direct involvement could prove pivotal.

At a news conference in Manhattan on Thursday, Paterson, a Democrat, invoked the abolitionist movement of the 1800s, the writings of Harriet Beecher Stowe and the Supreme Court’s Dred Scott decision to argue that New York had neglected civil rights for gays and lesbians for too long. “I’m putting a stop to it,” he said. “We have a duty to make sure

equality exists for everyone.” The announcement came amid growing activity around the country on same-sex marriage: Iowa and Vermont have legalized the practice in the past month, and the New Hampshire state Senate has been debating it this week. Massachusetts and Connecticut already have gay marriage, and a campaign is under way to extend it across New England by 2012.

In New York, the state Assembly passed a same-sex marriage bill in 2007 by a vote of 85-61, a margin expected to widen when the measure is reconsidered this spring. But the path in the Senate is less clear: 32 votes are needed, and Democrats say about 25 of their 32 members currently support it. So the outcome will probably hinge on whether Paterson and other advocates can persuade Republican senators reluctant to break ranks with their leaders to back the bill.

Gay-rights advocates expressed confidence on Thursday that Paterson’s personal involvement could make a difference, despite his dismal approval ratings and struggle to ad-

vance other aspects of his agenda. They said lawmakers sometimes feel less confined by partisan loyalty on civil rights issues like same-sex marriage.

Paterson’s role in steering the bill through Albany, which is still being worked out among his aides, legislative officials and lobbyists, is the latest in a list of personal campaigns on gay-rights issues throughout his career.

As a rank-and-file state senator in the 1980s, Paterson led the first effort to establish hate crimes laws in New York. Years later, when a hate-crimes bill passed, in 2000, it included protections for gays and lesbians at Paterson’s urging.

In 2002, as the Senate minority leader, Paterson led Democrats in rounding up enough votes to pass the law prohibiting discrimination against gays and lesbians. He has frequently attributed his passionate advocacy of gay rights in large part to his close relationship with a gay couple who were friends of his parents in Harlem. He still affectionately refers to the couple, now deceased, as Uncle Stanley and Uncle Ronald.

Ties to AIG Put Dodd on Bumpy Road to Re-Election

By **Brian C. Mooney**
THE BOSTON GLOBE

HARTFORD - The election is still more than 18 months away, but US Senator Chris Dodd is barnstorming Connecticut this week like an incumbent in trouble. Voters who have supported him for 29 years are showing anger over his personal finances and for legislation that allowed federal bailout money to be used for executive bonuses.

The political perils for Dodd, who is being outpolled by each of three little-known Republicans, have grown so acute that President Obama weighed in Thursday with a strong endorsement and a pledge of personal support.

“I can’t say it any clearer: I will be helping Chris Dodd because he deserves the help,” Obama told the Globe Thursday in a phone interview from Air Force One, as he flew to Mexico on a diplomatic trip.

“Chris is going through a rough patch,” Obama said. “He just has an extraordinary record of accomplishment, and I think the people in Connecticut will come to recognize that. ... He always has his constituencies

at heart, and he’s somebody I’m going to be relying on and working very closely with to shepherd through the types of regulatory reforms we need.”

The five-term Democrat has been beset by 10 months of damaging stories and fumbling responses to questions about mortgages he received from Countrywide Financial, a company at the heart of the nation’s subprime mortgage meltdown. More recently, he has taken flak for his role in crafting legislation that allowed \$165 million in federal bailout money to be used for bonuses for executives of AIG, the troubled insurance giant now owned by the American taxpayer.

Dodd said last month that he had no idea that AIG bonuses would result from what he considered technical language he inserted at the request of the Obama administration, which feared litigation involving contractual obligations. Combined with public anxiety about the economy and mortgages, it has created a toxic environment for Dodd.

A Quinnipiac University poll released April 2 showed Dodd with a

disapproval rating that has shot to 58 percent. The poll showed him trailing three potential Republican challengers, including former US representative Rob Simmons by 16 points.

“Certainly you’d like to have better poll numbers, but I also know that polls aren’t terribly significant at this juncture,” Dodd told reporters this week before attending a roundtable discussion in Bridgeport with Shaun Donovan, Obama’s secretary of housing and urban development.

“I didn’t get elected to get reelected,” Dodd said. “I got elected to do a job, and I’m doing my job as best I can every single day to help people get back on their feet again.”

But in a state that Obama carried by 22 points last year, his slump makes Dodd the most vulnerable Senate incumbent heading into the 2010 election cycle by most accounts.

“The fact that all three of these Republicans, none of them well known, are beating Dodd really has to worry him,” said Douglas Schwartz, the Quinnipiac polling director, who has done surveys about Dodd since 1994.

Pediatric Heart Surgery on Hold at Massachusetts General Hospital

By **Liz Kowalczyk**
THE BOSTON GLOBE

Massachusetts General Hospital has suspended its pediatric cardiac surgery program after two babies recently suffered serious complications following errors made during open-heart surgery.

The Harvard teaching hospital had expanded the small program and taken on more complex cases after hiring a heart surgeon two years ago to operate solely on children. But that plan has not worked out as hoped, and hospital executives said they shut down the program last week, at least temporarily. State public health officials began investigating the two cases after Mass. General notified them on Tuesday that the hospital had stopped taking young heart surgery patients and was evaluating whether to reopen the program.

Dr. David Torchiana, head of the Massachusetts General Physicians Organization, said both babies survived their operations, although one suffered neurological damage. That child, who was operated on at the end of January, has since been trans-

ferred to Children’s Hospital Boston. The second infant had surgery in March and is still at Mass. General and recovering well, Torchiana said. In both cases, technical errors were made during the surgeries, Torchiana said, though he declined to go into detail because of what he called patient privacy concerns.

The hospital’s decision to expand its program, and now to suspend it, goes to the core of a long-standing debate in pediatric medicine: should hospitals run small surgery programs or should care be consolidated in a few large programs, where physicians and nurses can sharpen their skills by caring for large numbers of patients? In Boston, Children’s Hospital operates on the hearts of about 1,100 babies and children a year, making it the largest pediatric heart surgery program in the country, officials there said. Mass. General performed 90 pediatric heart surgeries in the last 20 months, while Tufts Medical Center did 24 last year.

State health officials recommend a minimum 300 cases annually for hospitals to operate adult heart sur-

gery programs, but they do not set a standard for pediatric heart surgery.

Dr. Peter Manning, director of cardiothoracic surgery at Cincinnati Children’s Hospital Medical Center, said that while the research is not conclusive, there is some evidence that quality is more variable in small programs than in larger ones.

But, he said, it’s hard for regulators to push small programs to close because the data are not conclusive; some small programs have achieved good results, usually in part by referring some of the most complex cases to major centers. And, Manning added, cardiac surgery can be lucrative and prestigious for hospitals, making the programs especially desirable. Mass. General’s “numbers are pretty small,” Manning said. “When you get below 100 cases you really worry that, unless they’re pretty straightforward, whether the ((surgeon)) is doing enough to keep their skills up.” He said it may have been “very wise to close the program.”

Mass. General has had a pediatric heart surgery program since the 1960s.

Study of Genes and Diseases At an Impasse

By **Nicholas Wade**
THE NEW YORK TIMES

The era of personal genomic medicine may have to wait. The genetic analysis of common disease is turning out to be a lot more complex than expected.

Since the human genome was decoded in 2003, researchers have been developing a powerful method for comparing the genomes of patients and healthy people, with the hope of pinpointing the DNA changes responsible for common diseases.

This method, called a genomewide association study, has proved technically successful despite many skeptics’ initial doubts. But it has been disappointing since the kind of genetic variation it detects has turned out to explain surprisingly little of the genetic links to most diseases.

A set of commentaries in this week’s issue of The New England Journal of Medicine appears to be the first public attempt by scientists to make sense of this puzzling result.

One issue of debate among researchers is whether, despite the prospect of diminishing returns, to continue with the genomewide studies, which cost many millions of dollars apiece, or switch to a new approach, like decoding the entire genomes of individual patients.

The unexpected impasse also affects companies that offer personal genomic information and that had assumed they could inform customers of their genetic risk for common diseases, based on researchers’ discoveries.

AIG Chief has Millions of Dollars In Goldman Stock

By **Mary Williams Walsh**
THE NEW YORK TIMES

Edward Liddy, the dollar-a-year chief executive leading the American International Group since its bailout last fall, still owns a significant stake in Goldman Sachs, one of the insurer’s trading partners that was made whole by the government bailout of AIG.

Liddy earned most of his holdings in Goldman, worth more than \$3 million total, as compensation for serving on the bank’s board and its audit committee until he stepped down in September to take the job at AIG. He moved to AIG at the request of Henry M. Paulson Jr., then the Treasury secretary and a former Goldman director.

Details about Liddy’s holdings were disclosed in Goldman’s proxy statement and confirmed by an AIG spokeswoman, who said they constituted “a small percentage of his total net worth.” Liddy had already owned some stock in Goldman Sachs before joining its board in 2003.

He has said his goal is to dismantle the company and sell its operating units, using the proceeds to pay back the rescue loans. On Thursday, AIG said it had sold its car insurance unit, 21st Century Insurance, to the Zurich Financial Services Group for \$1.9 billion.

Obama Unveils Plan for 10 High-Speed Rail Lines

By **Brian Knowlton**
THE NEW YORK TIMES WASHINGTON

President Barack Obama on Thursday highlighted his ambition for the development of high-speed passenger rail lines in at least 10 regions, expressing confidence in the future of train travel even as he acknowledged that the American rail network, compared to the rest of the world’s, remains a caboose.

With clogged highways and overburdened airports, economic growth was suffering, Obama said from the Eisenhower Executive Office Building, shortly before leaving for a weekend trip to Latin America.

“What we need, then, is a smart transportation system equal to the needs of the 21st century,” he said, “a system that reduces travel times and increases mobility, a system that reduces congestion and boosts productivity, a system that reduces destructive emissions and creates jobs.”

And he added, “There’s no reason why we can’t do this.” Obama said the \$8 billion included for high-speed rail projects in his stimulus package — to be spent over two years — and an additional \$1 billion a year being budgeted over the next five years, would provide a “jump start” toward achieving that vision.

Deal Brings TV Shows And Movies to YouTube

By **Brian Stelter** and **Miguel Helft**
THE NEW YORK TIMES

In another step in its transformation from an online jumble of amateur videos to a destination for mainstream TV programs and movies, YouTube said Thursday that it had signed deals with Sony, Lions Gate, MGM and other Hollywood studios to showcase thousands of TV episodes and hundreds of movies in a new “Shows” section of its Web site.

And Google, which owns YouTube, said it might eventually bring another innovation to the site: payment for some premium content.

The agreements with the studios are significant because YouTube dominates online video. Nearly two-thirds of all video views in the United States occur on YouTube, according to the measurement firm ComScore. Last month the site saw more than 90 million visitors, 10 times as many as the next biggest site, ComScore said.

But while YouTube, along with other new media properties like MySpace, Facebook and Twitter, is seen as leading the challenge against traditional media companies, the company itself is struggling to profit from its digital popularity. Earlier this month, Credit Suisse published a detailed analysis of YouTube’s business, estimating that the site will lose approximately \$470 million in 2009, as the costs of bandwidth and storage to stream more than 5 billion clips a month far exceed the revenue YouTube earns from advertising.

To attract more advertising, YouTube is striving to add more professionally produced video. The pacts with media companies allow YouTube to place ads before, during and alongside the videos and split the revenue with its partners.

OPINION



Chairman

Austin Chu G

Editor in Chief

Nick Bushak '10

Business Manager

Mark Thompson '11

Managing Editor

Steve Howland '11

Executive Editor

Michael McGraw-Herdeg G

NEWS STAFF

News and Features Director: Arkajit Dey '11; **Editors:** John A. Hawkinson '98, Jeff Guo '11, Natasha Plotkin '11; **Associate Editors:** Emily Prentice '11, Elijah Jordan Turner '11, Pearle Lipinski '12, Robert McQueen '12; **Staff:** Daniela Cako '09, Ji Qi '09, Yiwei Zhang '09, Yuri Hanada '10, JiHye Kim '10, Joyce Kwan '10, Jenny Liu '10, Yan Huang '11, Ryan Ko '11, Lulu Wang '11, Omar Abudayyeh '12, Jessica Lin '12, Meredith Lis '12, Maggie Lloyd '12, Sandhya Rawal '12, Zeina Siam '12, Aditi Verma '12; **Meteorologists:** Cegeon Chan G, Garrett P. Marino G, Brian H. Tang G, Angela Zalucha G, Elizabeth Maroon '10, Vince Agard '11.

PRODUCTION STAFF

Staff: K. Nichole Treadway '10, Alexander W. Dehnert '12.

OPINION STAFF

Editor: Andrew T. Lukmann G; **Staff:** Florence Gallez G, Gary Shu G, Keith A. Yost G, Josh Levinger '07, Krishna Gupta '09, Aditya Kohli '09, Jennifer Nelson '09, Daniel Yelin '10, Ethan Solomon '12.

SPORTS STAFF

Editors: Aaron Sampson '10, David Zhu '12; **Staff:** Michael Gerhardt '12, Nydia Ruleman '12.

ARTS STAFF

Editor: S. Balaji Mani '10; **Staff:** Sudeep Agarwala G, Bogdan Fedeles G, Andrew Lee '07, Joanne Y. Shih '10, Kevin Wang '10, Sun K. Kim '11, Maggie Liu '12, Samuel Markson '12.

PHOTOGRAPHY STAFF

Editors: David M. Templeton '08, Andrea Robles '10, William Yee '10; **Associate Editors:** Allison M. Alwan '12, Rachel Fong '12; **Staff:** Vincent Auyeung G, David Da He G, Perry Hung G, Maksim Imakaev G, Arthur Petron G, David Reshef G, Martin Segado G, Noah Spies G, Scott Johnston '03, Martha Angela Wilcox '08, Chelsea Grimm '09, Peter H. Rigano '09, Eric D. Schmiedl '09, Seth A. Villarreal '09, Diana Ye '09, Biyeun Buczyk '10, Arka P. Dhar '10, Helen Hou '10, Monica Kahn '10, Diane Rak '10, Jongu Shin '10, Dhaval Adjodah '11, Monica Gallegos '11, Vibin Kundukulam '11, Michael Y. McCanna '11, Michael Meyer '11, Kari Williams '11, Andrew Shum '12, Meng Heng Touch '12.

CAMPUS LIFE STAFF

Editor: Michael T. Lin '11; **Staff:** Roberto Perez-Franco G, Danbee Kim '09, Sarah C. Proehl '09, Ben Shanks '09, Christine Yu '11; **Cartoonists:** Daniel Klein-Marcuschamer G, Jason Chan '09, Michael Ciuffo '11, Ben Peters '11, Michael Benitez '12.

BUSINESS STAFF

Advertising Managers: Joseph Maurer '12, Greg Steinbrecher '12; **Operations Manager:** Sherry Yan '11; **Staff:** Michael Kuo '10, Heymian Wong '10, Nikhil Sud '11, Connie Chan '12, Mengjie Ding '12, Eric Trac '12.

TECHNOLOGY STAFF

Director: Quentin Smith '10.

EDITORS AT LARGE

Contributing Editors: Ramya Sankar G, Shreyes Seshasai G, Nick Semenkovich '09, Caroline Huang '10, Jessica Witchley '10; **Senior Editors:** Brian Hemond G, Charles Lin G, Satwiksai Seshasai G, Benjamin P. Gleitzman '09, Ricardo Ramirez '09, Angeline Wang '09, Praveen Rathinavelu '10.

ADVISORY BOARD

Paul E. Schindler, Jr. '74, V. Michael Bove '83, Barry S. Surman '84, Robert E. Malchman '85, Deborah A. Levinson '91, Jonathan E. D. Richmond PhD '91, Karen Kaplan '93, Saul Blumenthal '98, Frank Dabek '00, Daniel Ryan Bersak '02, Eric J. Cholaneril '02, Jordan Rubin '02, Nathan Collins SM '03, Keith J. Winstein '03, Akshay R. Patil '04, Tiffany Dohzen '06, Beckett W. Sterner '06, Marissa Vogt '06, Zachary Ozer '07, Marie Y. Thibault '08, B. D. Colen.

PRODUCTION STAFF FOR THIS ISSUE

Editors: Michael McGraw-Herdeg G, Shreyes Seshasai G; **Staff:** Austin Chu G, Steve Howland '11, Aislyn Schalck '13.

The Tech (ISSN 0148-9607) is published on Tuesdays and Fridays during the academic year (except during MIT vacations), Wednesdays during January, and monthly during the summer by The Tech, Room W20-483, 84 Massachusetts Avenue, Cambridge, Mass. 02139. Subscriptions are \$50.00 per year (third class). **POSTMASTER:** Please send all address changes to our mailing address: The Tech, P.O. Box 397029, Cambridge, Mass. 02139-7029. **TELEPHONE:** Editorial: (617) 253-1541. Business: (617) 258-8324. Facsimile: (617) 258-8226. *Advertising, subscription, and typesetting rates available.* Entire contents © 2009 *The Tech*. Printed on recycled paper by Mass Web Printing Company.



Institute Wisdom Watch

By *The Tech* Editorial Board



The Prefrosh descend on Campus: Yay! More students to indoctrinate. Erm, we mean “welcome.”



The Weather Machine returns: 70 degrees and sunny! Just remember to tell the prefrosh that it’s like this all year long.



The Beavernappers Strike! ... and then quickly capitulate. Tim the Beaver is returned to DAPER in a duffel bag on Tuesday night.



New restrictions imposed on Steer Roast: The party should be really awesome — for the 5% of campus that will be let through the door.



Budget Cuts strike at the heart of Institute: Staff laid off, Libraries close, Varsity athletics teams cut, and W1 lies empty. What’s next — students sleeping on cots in the Infinite?



Faculty moves to eliminate HASS-D requirement: Changes will make the unnecessarily complicated process marginally more comprehensible.



Yet another flavor of 8.02 introduced: A few more and we can set up a (liquid nitrogen) ice cream parlor.



IS&T logs TCP/IP Connections: Infringing on our privacy in the name of “network security”? Thanks, we feel safer already.

Letters To The Editor

Remembering the “Manus”

The motto of the Institute is “Mens et Manus,” which literally translated means “Mind and Hand.” One can only speculate as to the exact intentions of the founders, but this expression can be taken as emphasizing the importance of both thinking and doing, or equally as emphasizing the importance of one’s mind and one’s body.

Both are, in my view, fundamental aspects of MIT and an MIT education. One of the primary ways in which MIT achieves the latter interpretation of its motto is through its varsity sports, club teams, and physical education offerings. The diversity of athletic offerings, and more importantly the balance and “other” type of education it provides students, is something that makes MIT very special.

As a graduate student, I have seen and experienced firsthand the tremendous benefits athletics at MIT provides for students. Whether it’s the opportunity to explore and try something you’ve never had a chance to before, the ability to pursue something you’ve always enjoyed, or it’s just an escape from all the pressures of academics, the value of sports — especially those that are not “mainstream” and apparently on the chopping block — cannot be measured in

dollars and cents.

Despite some stereotypes, MIT and MIT students are not one-dimensional. At least not right now. To eliminate any athletics and their associated facilities in a rash cost-cutting measure would not only be short-sighted, but it would also destroy the very fabric of what makes this place special.

I urge those with the power to affect the future of athletics at MIT not to do anything now that would cost the Institute dearly in both the near- and long-term future, and to find whatever means necessary to preserve (or even expand) the athletic offerings at MIT.

Vince Costanzo

PhD Candidate, Mechanical Engineering

Take it off the Table

With all due gravity to the Institute’s financial predicament, cutting Athletics is not something that should be on the table. Of all of my experiences at MIT, the Swimming & Diving team was the most rewarding. Even in that old, dingy, alumni pool, beyond the hard work and pain, our team had something very special.

Now we have a wonderful new pool, one of the finest around. My teammates and I shared an incredible experience, one that is difficult to explain to those who haven’t experienced it, but surely athletes from other teams feel similarly.

The determination and hard work (and pain) that go into being a successful athlete are important components to success in life, so it is no wonder that many of the most successful leaders in industry were varsity athletes in college.

More generally, MIT’s athletics programs are of critical importance to student life, and in particular mental health. After being beaten down by problem sets and labs, students rely on athletic activities to unwind and release stress. I would not be surprised if the reduction in athletics programs is more than offset by increased visits to MIT Medical’s Mental Health unit. Our sports teams are a source of pride, especially with so many highly competitive teams. People in the outside world have trouble fathoming that MIT Swimming is a Top 10 D-3 school, and routinely beats the Coast Guard, or that MIT Pistol beats the US Army.

MIT will get through this financial crisis, but MIT should not ruin the lives of students over a million dollars, a drop in the bucket even now. I would encourage MIT to allow students to do fundraising to help offset some of the costs associated with their programs, which is something that some in the MIT have opposed in the past (such as our Swimming calendar, which would have raised over ten thousand dollars).

Jonathan Goler '04

Former Captain, MIT Swimming & Diving



Opinion Policy

Editorials are the official opinion of *The Tech*. They are written by the editorial board, which consists of Chairman Austin Chu, Editor in Chief Nick Bushak, Managing Editor Steve Howland, Executive Editor Michael McGraw-Herdeg, and Opinion Editor Andrew T. Lukmann, Joseph Maurer, and Ethan Solomon.

Dissents are the opinions of signed members of the editorial board choosing to publish their disagreement with the editorial.

Letters to the editor, columns, and editorial cartoons are written by individuals and represent the opinion of the author, not necessarily that of the newspaper. Electronic submissions are encouraged and should be sent to letters@the-tech.mit.edu. Hard copy submissions should be addressed to The Tech, P.O. Box 397029, Cambridge, Mass. 02139-7029, or sent by interdepartmental mail to Room W20-483. All submissions are due by 4:30 p.m. two days before the date of publication.

Letters, columns, and cartoons must bear the authors’ signatures, addresses, and phone numbers. Unsigned letters will not be accepted. *The Tech* reserves the right to edit or condense letters; shorter letters will

be given higher priority. Once submitted, all letters become property of *The Tech*, and will not be returned. Letters, columns, and cartoons may also be posted on *The Tech*’s Web site and/or printed or published in any other format or medium now known or later that becomes known. *The Tech* makes no commitment to publish all the letters received.

Guest columns are opinion articles submitted by members of the MIT or local community and have the author’s name in italics. Columns without italics are written by *Tech* staff.

To Reach Us

The Tech’s telephone number is (617) 253-1541. E-mail is the easiest way to reach any member of our staff. If you are unsure whom to contact, send mail to general@the-tech.mit.edu, and it will be directed to the appropriate person. You can reach the editor in chief by e-mailing eic@the-tech.mit.edu. Please send press releases, requests for coverage, and information about errors that call for correction to news@the-tech.mit.edu. Letters to the editor should be sent to letters@the-tech.mit.edu. The Tech can be found on the World Wide Web at <http://www-tech.mit.edu>.

Making Your College Decision: The Print Edition

Get a Taste of the Institute Through These Pages

Ethan Solomon

A campus newspaper is a great way to find out what a college is like. When I was doing my campus tours, I always made sure to pick up a copy of the campus daily (or twice-weekly). Hidden among the pages are the collective values, fears, and triumphs of the student body. Plus, a newspaper’s objectivity simultaneously reveals the best and worst in a college. During your stay here at MIT, and wherever else you may be visiting, be sure to pick up a publication and read it not only for content, but for subtext. If you’re reading this, you’ve already completed step one. Let’s take a stroll through some recent issues of *The Tech* and the newspapers of some other colleges you may be considering to see what we can find out.

Here’s a great example: If you happened to be here Tuesday, you would have picked up *The Tech* and seen the following headline emblazoned on the front page: “Students Abduct Tim The Beaver, Demand Sports Teams Spared.” What does this tell you about MIT? First, something is happening to our sports. Due to budget cuts, some of our 41 varsity sports may no longer exist come fall of 2010. But what else does this tell you? At MIT, we care enough to fight for our sports and send an unequivocal message of support for these programs — by kidnapping our own school mascot. You can go to any school and find students willing to kidnap somebody else’s mascot (or cannon). But it takes the kind of chutzpah and brilliant ingenuity you can only

If you want to really know a school, try reading its newspaper.

find in MIT students to kidnap their own.

But how are other students coping with the adversity of the recession? Our colleagues down the road have a very different conception of protest. In response to recently announced layoffs at Harvard University, “A small contingent of students ... unfurled a protest banner and politely requested that the University avoid layoffs during an intimate lunch event with University President Drew G. Faust ...” writes *The Crimson*. “They then presented her with an open letter and an oversized cotton T-shirt.” Politely requested? Oversized T-shirt? Intimate lunches? If this is how Harvard kids think of protest, they need to cross-register for classes at MIT a little more. In a sharp contrast to sitting down for a tea party with administrators, this *Tech* carries a running total of the Institute Big Screw fundraiser contributions, in which students nominate professors or administrators who they feel “screwed them over the most.” Now that’s sticking it to the man and supporting a good cause at the same time.

Our colleagues on the West Coast have also had to deal with their fare share of economic uncertainty. As reported by the creatively named *California Tech*, Caltech students are also facing the possibility of losing some of their sports. “We made some changes, for budgetary reason, for athletics,” said Anneila Sargent, Vice President for Student affairs. Apparently, nobody really seemed to mind. Much more pressing was another matter: “New Alcohol Policy Prohibits Drinking Games, Causes Overhaul of Page’s Beer Room,” to be shortly followed up by “Alcohol banned indefinitely in Page House” in the April 13 issue of the *California Tech*. The article was supplemented by a pixilated photograph of liquor bottles in a garbage can and the caption, “First the beer room, now the entire House, is purged of alcohol.” Now, Caltech students will be forced to brave the frigid California spring and trudge from Page

Solomon, Page 6

Stop Whining and Start Cheering

Empty Bleachers Speak Louder than Words

Paul Blascovich

When DAPER announced that budget cuts would require the elimination of one or more varsity programs, the department showed great respect for students by informing them early in the process. This respect was not reciprocated by students and other members of the MIT community who have spent the last few weeks insulting administrators, insisting that this decision must have been made hastily, and demanding that the department reconsider. While DAPER is listening with open ears, students claim they are being unheard much like a bratty sixteen-year-old demanding a Ferrari when given an Acura. As a student body, we need to appreciate the incredible opportunities that we will still have without complaining about what we can no longer afford.

Intercollegiate sports provide students with an athletic challenge to complement their already challenging schoolwork, but sports are just a part of MIT life, and they should not be valued above academics. Part of the NCAA Division III philosophy is to, “Assure that athletics programs support the institution’s educational mission by financing, staffing and controlling the programs through the same general procedures as other departments of the institution.” It is the duty of the MIT administration to charge athletics with the same 15% budget cut as other departments, and it would be inappropriate for DAPER to accept any other treatment.

MIT’s ability to support 41 varsity teams for the past decade has not come easily. The department has always operated on a tight budget, ensuring the best services to all members at the lowest cost to students while maximizing revenue from paid memberships and facility rentals. Alumni support has been able to make up the deficit in the budget and allowed for additional recreation programs, including club and intramural sports. Now, in the face of a \$1.5-million cut, the department must prioritize expenses and act accordingly.

Since varsity sports comprise nearly half of DAPER’s costs, it is no surprise that varsity sports is being charged with a large portion of the cuts. Distributing the load over all sports is impractical, since many teams are already pinching every penny. Senior staff members worked to find alternative solutions, but none were deemed sustainable. One or more teams must be dropped. When the announcement was originally made, administrators had not even



begun to discuss which programs would be cut. DAPER concluded it was best to release this unfortunate news before CPW, so that students (particularly prefrosh) would not be caught off-guard. Currently, administrators are evaluating each team and moving quickly to reach a solution by the end of the month, so that incoming freshmen can factor the department’s ultimate decision into their own choice of college.

As explained by Department Head Julie Soriero, a variety of factors are being used to determine which sports are most worthy of varsity status — the same metrics were used in 2006 to determine a dividing line between club and varsity sports. While cost per student will be considered, administrators are likely to focus on each sport’s impact on the student community as a whole. And for those of you wondering, the performance of a program will not be the top priority; welcome to D-III.

Signs of trouble have been apparent for some time. The DAPER Advisory Board, a committee comprised of representatives from all divisions of the department, has been discussing budget matters since the MIT administration announced the campus-wide cut. This committee has ten student members: two each from the Undergraduate Association, Graduate Student Council, Intramural Council, Club Sports Council, and the Student-Athlete Advisory Committee (SAAC). While cutting varsity sports was not explicitly brought to the committee, all of the charts and figures published re-

cently in *The Tech* were originally discussed at these meetings. I believe I speak for all student reps when I say that concerns brought before the committee have been well respected and addressed. To those students who feel they are not being represented, I would suggest contacting the UA, which has not been present at meetings this academic year.

Not just varsity teams are making sacrifices. All programs within DAPER are feeling the effects of the budget cut. Physical Education classes are being scaled down, club sports have frozen their growth, and intramurals are instituting a registration fee for all sports for the first time in recent history. All of the facilities staff, coaches, and support personnel are anxiously awaiting a final decision, and all have been co-operating with Soriero and other senior staff to make all information readily available.

Some students are demanding that the department make promises that cut sports will be available as club sports or that teams will be phased out over time. These options are being investigated by the department, but they will not be deliberated until it is determined which programs will be cut. Other students believe that alumni donations are sufficient to keep sports alive each year; however, it would require massive contributions to convince the department to be willing to wager its own sustainability on such an unreliable source. Students should feel

Blascovich, Page 6

Clean Energy Forum Ignores the Facts

Hockfield Flatters Markey; Markey Flatters Himself; The Facts Flatter No One

Joe Maurer

Ladies and gentlemen, prefrosh and parents, I’d like to introduce you to what happens when the world’s premier research university and a representative of the world’s largest subsidizer of bad ideas join together to discuss hot air. I’m talking, of course, about Monday’s clean energy and global warming forum, hosted by the MIT Energy Initiative and featuring Rep. Ed Markey. Special thanks, of course, go to the 33-year veteran congressman for his brief and monotone addition to the summit.

As featured in *The Tech* on Tuesday, the colloquium stemmed from Markey’s proposed American Clean Energy and Security Act of 2009, with its 650 pages of government suggestions and requirements on energy, carbon cap and trade, and global warming. The ACESA, like most government proposals now, hides its massive costs behind claims to, “create millions of new clean energy jobs,” and, “save consumers hundreds of billions of dollars in energy costs.”

What it can’t hide, however, are the jobs lost in established industry and the hundreds of billions in higher taxes that any cap and trade system implements. For a speaker who laments the tax breaks given to oil and other industries (often given for the explicit purpose of reducing the cost of energy, the exact opposite of what every clean energy policy proposes), Markey is remarkably willing to extend similar market distorting incentives to the politically vogue “green industry.”

I laud Congressman Markey for taking the perennially popular position of bashing oil companies, but I feel compelled to ask what the difference is between incentives for oil companies and incentives for ethanol or battery manufacturers. If we are merely using the tax code to favor the ideas that are politically trendy, we seriously underestimate the govern-

ment’s capacity to make brilliantly stupid decisions. Witness the unintended consequences of subsidies and mandates for ethanol, which resulted in higher food prices and were a net environmental negative.

And yet, it seems science and common sense have no place when the federal government is debating ways to fritter away dollars to whatever research it deems appropriate. It’s not surprising then that our own President Hockfield lauded Markey, “as one of the most important advocates of responsible, farsighted energy and climate policy.” And yet, in his own speech ten minutes later, Markey boasted of his work on CAFE, the Corporate Average Fuel Economy standards that place the desires of the UAW far ahead of increased fuel effi-

Witness the unintended consequences of subsidies and mandates for ethanol, which resulted in higher food prices and were a net environmental negative.

ciency.

Congressman Markey, however, was careful to stress the “benefits” of his plan. His claim of reduced energy costs for consumers was the doctor’s equivalent of a spoonful of honey to help the medicine go down. Consumers and businesses, this legislation implies, don’t know what is good for them as far as the economy is concerned, and it is therefore the government’s job to prod them into action. And for the feds, increasing costs is the best method shy of calling in the National Guard to alter people’s behavior.

Let’s stop for a minute and think of the consequences of this concept. We have just

been told that because citizens are not making the “right” decisions on their own, the government will now make those decisions for us. Evidently, the average American doesn’t have their energy and economic priorities ordered “correctly,” and that must be changed.

There are two ways to look at this: either Americans don’t consider the energy and climate situations to be the dire and pressing scenarios that Washington does, or they are just too stupid to ever be convinced. I’m content to side with the former, along with all of the other doubters of anthropogenic global warming.

Many disagree with me, and that’s fine. If they number enough to impose a carbon tax, then I’m fine with that too, as democracy will have spoken. However, cap and trade, and the proposals given by the ACESA, are ill-suited regardless of your views on energy and global warming. Democracy is fair and just only when every policy applies equally to the winners and the losers. A cap and trade system removes that justice by allowing the government to favor which industries are bad and which ones are good.

Moreover, if the government and members of the green lobby truly believe that their ideas call for immediate action, then they ought to be able to persuade the rest of the country to do the same. Unfortunately, stories regarding Al Gore’s copious energy use, among others, lead many, including myself, to believe that calls for green energy are simply an example of, “do as I say, not as I do.”

If, as we have always been told, “actions speak louder than words,” then I highly advise any supporters of Markey’s legislation to practice what they preach. Most Americans would love to see the day when the United States — as this bill proposes — cuts CO2 emissions by 80% and becomes indepen-

Maurer, Page 6

Choosing a School? Read Their Newspapers.

Solomon, from Page 5

House to just about anywhere else to enjoy a Friday night. Indeed, these are truly trying times.

What else can campus newspapers tell you? Student interests. Generally, what newspapers choose to print reflects what students want to read about. For example, our news shorts have featured such gems as “Saving a Squirrel By Eating One,” and “Mysterious Sweet Smell from 2005 Returns to Manhattan” (in the same issue, no less). Our counterparts at Yale University have decidedly less delicious interests: “Dining Hall Alfalfa Sprouts Safe Amid Outbreak,” reported *the Yale Daily News* on Wednesday. Alfalfa sprouts? I’ll think of Yale while I’m cooking up a tasty Sweet Squirrel Stew on the Upper East Side.

So while you’re here, take a look at *The Tech*. And wherever else your college journeys may bring you, grab a newspaper before you hit the road. Not only can articles enlighten you to the controversies du jour on college campuses, they can tell you something about the people who live there. But remember, it’s unlikely any one college is perfect for you. No matter where you go, there’s going to be somebody or something you don’t like. This is normal. Keep an open mind and be flexible. Any college experience can be a great one; it’s simply what you make of it.

Cheering Is More Effective Than Stealing Mascots

Blascovich, from Page 5

encouraged to continue providing ideas, but must be willing to accept that the easy solutions have already been considered.

Like many students, I am angered by the recent actions of the “wannabe hackers” who stole the Tim the Beaver mascot suit. It should be noted that the suit is property of the Campus Activities Complex, which has no direct affiliation to DAPER, and it was rented by and stolen from the SAAC, a committee comprised entirely of varsity athletes. Your actions have accomplished nothing and embarrassed your peers, many of whom had been working to handle the situation more maturely.

To students who want to show their support for intercollegiate athletics, I challenge you use a more productive method: showing up to matches and cheering for the Engineers. Every week, athletes are giving their all on the fields and courts in front of empty stands. On the same day that dozens gathered in lobby 7 to rally their

Obama’s Nuclear Weapons Plan

Harvesting Low Hanging (But Not Game Changing) Fruit

Keith Yost

Early this April, President Obama unveiled his vision for strengthening the world’s nuclear non-proliferation regime: renewed arms reduction talks with Russia and the creation of an international fuel bank in Kazakhstan to provide fuel services to non-weapons states. Both are excellent ideas which are long overdue, but neither will resolve the major proliferation threats facing us today.

When it comes to arms reduction, Obama is likely to have better luck than George W. Bush. Despite Bush’s insistence that Putin was “straightforward and trustworthy,” Russia and the U.S. have had a frigid relationship during the two leaders’ tenure, and the best that Bush could achieve was a reduction of deployed weapons to 2,200 per side. With Obama’s renunciation of ballistic missile defenses, he’ll enjoy warmer relations with Russia, but he’ll still have to overcome a persistent unwillingness on the Russian side to part with their nuclear arsenal.

Unlike the U.S., whose nuclear arms are accompanied by mountains of conventional military might, Russia depends much more heavily on nuclear weapons to achieve military parity with nearby China or Europe. While Russia recognizes it is in no financial position to maintain the same nuclear operational readiness that it did during the Cold War, there is also the sense among the Russian people that their nuclear weapons were bought with the sweat and sacrifice of their ancestors, that they’re a hard-earned inheritance not meant to be squandered for the benefit of passing American fancy. Hence the nature of Bush’s treaty, which brought new limits to “operationally deployed” weapons but left the Russians

free to keep many more nukes a wrench’s turn from readiness.

What is needed is not just another hollow reduction of “deployed” weapons, but the irreversible destruction of delivery vehicles (ICBMs, bombers, etc) and an expansion of the Megatons to Megawatts program. Set to expire in 2013, the Megatons to Megawatts program has taken more than 14,000 warhead-equivalents of weapons material and blended it down into fuel for use in commercial nuclear reactors.

If more arms cuts like this could be achieved, we could reduce the risk of an accidental launch, lower the operational costs of maintaining our nuclear arsenals, and provide

The fig leaf is gone; everyone already knows that Iran’s Natanz site exists to provide weapons material, not to supply Iran’s non-existent reactors.

a healthy peace dividend to our electric utilities while still maintaining a credible nuclear deterrent. However, though these plans provide a significant benefit to arms control, it’s unlikely to have the larger effect of inducing Iran, North Korea, or existing weapons states to reduce or abandon their own weapons programs. The Non-Proliferation Treaty might obligate weapons states to gradually disarm, but it’s not as if Kim Jong Il and the mullahs started building nuclear weapons as some sort of moral protest against the vast stockpiles of the U.S. and Russia.

Similarly, the creation of a fuel bank in Kazakhstan is unlikely to induce Iran and North Korea to give up uranium enrichment and spent fuel reprocessing. The idea behind a “seventh state solution” (so-called because six other states, the five weapons states plus Japan, have fuel service capabilities) is to remove any economic motivation for non-weap-

ons states to develop their own enrichment or reprocessing facilities. How it works is this: a trusted, neutral broker like Kazakhstan is given a big mound of low-enriched uranium and some centrifuges to tweak the U-235 percentages to customer’s demands. They sell the uranium to non-weapons states at prices lower than those states could achieve on their own, and take back the fuel when it is discharged from the reactor.

Non-weapons states benefit because they get a guaranteed source of fuel for their reactors at lower prices. Weapons states benefit because in return for their small subsidy, they get to ensure that non-weapons states don’t develop the enrichment or reprocessing facilities necessary to make bomb material. And if a non-weapons state continues to go forward with its own enrichment or reprocessing facilities, then they can’t hide their actions behind the fig leaf of economic necessity and in theory face the wrath of the international community.

The reason that an international fuel bank won’t work is simple: Bush floated the idea (and funded it to the tune of \$50 million) nearly two years ago and Iran scoffed at the idea. The fig leaf is gone; everyone already knows that Iran’s Natanz site exists to provide weapons material, not to supply Iran’s non-existent reactors. As soon as it became clear that the only states that would accept the west’s subsidy were the ones we weren’t worried about, the fuel bank got put on the policy back burner.

But even if a fuel bank isn’t a silver bullet against determined proliferator states, it’s still worth the price if it prevents a state like Brazil or Saudi Arabia from developing their own enrichment centers. And who knows, perhaps it will give Iran the diplomatic cover to change course — as long as the fuel bank’s services are limited to those states who have demonstrably given up enrichment and reprocessing activities, it can’t hurt.

In short, Obama’s latest policy moves on nuclear weapons are the right direction for the U.S., but we shouldn’t pretend that they are a solution to the most intractable problems we face. There is still much work to do to prevent the spread of nuclear weapons.

Throwing Money at Pet Projects Won’t Fix Energy

Maurer, from Page 5

dent of all foreign petrol products. However, most Americans would also love a day when the IRS accepted grass clippings as a form of tax payment. Until those goals are painlessly adopted, Americans will continue to do what they see is best for them, and no amount of finger waving by important men in suits will change those incentives.

As President Hockfield said, “at MIT, we really like hard problems.” She knows of what she speaks. Throwing money after pet projects, however, is not a hard problem; it’s the

public policy equivalent of writing your name on a blank piece of paper and congratulating yourself for finishing a problem set. While the 2009 Security Act punts resolving the problems inherent in Europe’s similar cap and trade scheme, it’s most serious failing stems from a lack of public support.

Even if fewer than half of Americans vote in elections, we all vote with our wallets. Overwhelmingly, we rank global warming and energy issues as low priorities. Washington and Congressman Markey would do well to keep that in mind before feeding us our daily dose of wind power and environmental guilt.

Humanities
At MIT

Mandatory
Dining Plans

Varsity Sports

Gay Marriage

Give a damn?

Do something about it!
letters@tech.mit.edu

April 17,
2009

COMICS

The
Tech

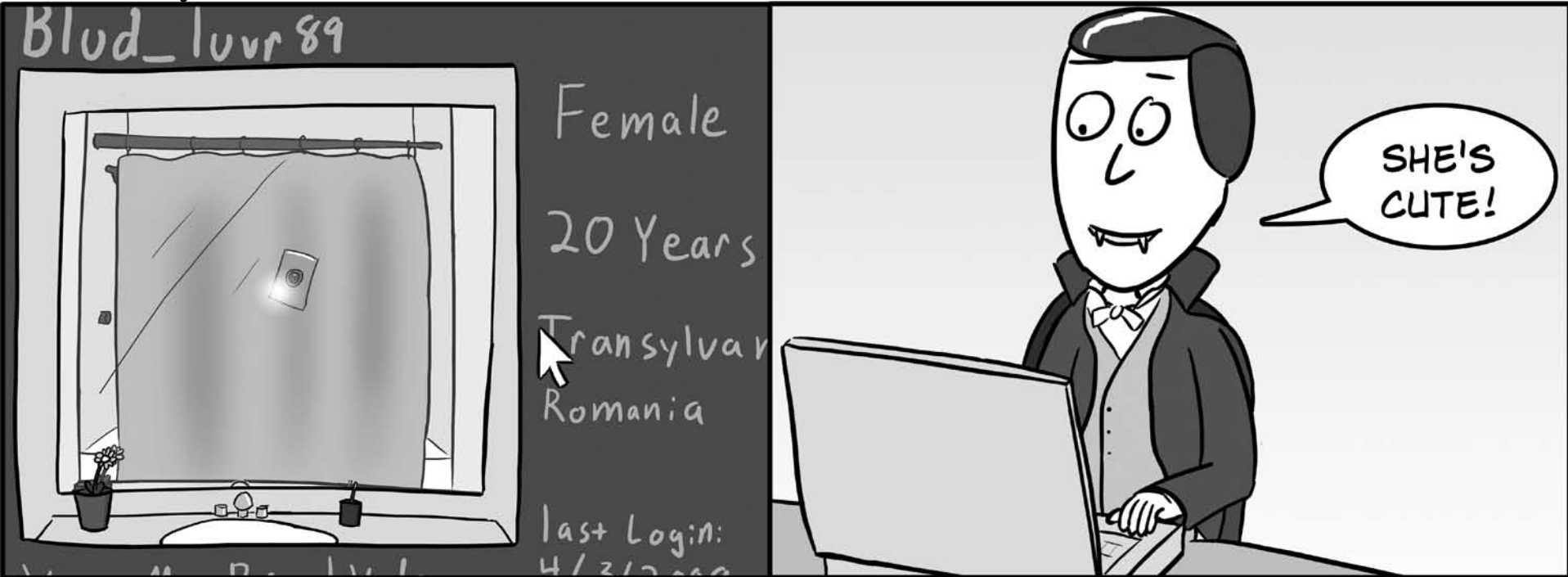
FUN

Page
7

PAGES

Steal My Comic

by Michael Ciuffo



The Daily Blunderbuss

by Ben Peters

Prefrosh Caption Contest!

Who is the the funniest in the class of 2013?

submit captions to: bnpeters@mit.edu



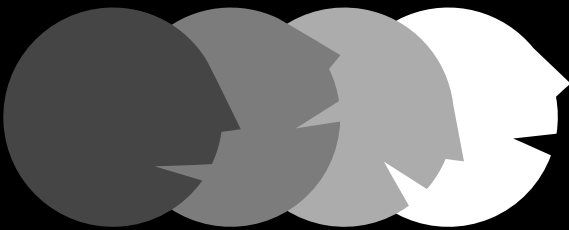
Your caption here!!

su | do | ku

© Puzzles by Pappocom

Instructions: Fill in the grid so that each column, row, and 3 by 3 grid contains exactly one of each of the digits 1 through 9. Solution on page 21.

	1							
		6	3		2	9	8	
2					1			
		8	4	6			7	
5								2
	7			2	3	8		
			5					4
	4	2	8		7	1		
							3	



Videos from
your neighbourhood

SeeBlocks.com

Help Desk

by Michael Benitez

SPECIAL CPW ISSUE:
IT'S TWICE AS BIG!*

H

E

L

P

D

E

S

K

by
Michael Benitez
4-17-09

TO OUR WIDE-EYED AND BUSHY-TAILED PREFROSH: WELCOME TO M.I.T. MANY OF YOU WILL DECIDE TO MAKE THIS PLACE YOUR HOME FOR THE NEXT FOUR YEARS, BUT M.I.T. IS MORE THAN JUST A PLACE, IT'S A STORY, YOUR STORY. SHOULD YOU DECIDE TO COME HERE, ONE OF THE FIRST CHAPTERS OF YOUR STORY IS LIKELY TO BE 8.01, CLASSICAL MECHANICS, A CLASS AS OLD AS M.I.T. ITSELF [citation needed]. AND NO TWO STORIES ARE THE SAME...

SOME OF YOU MAY ENJOY IT,
OMG, ENERGY IS CONSERVED!

$$K_i = K_f$$
$$m_1 v_{0i}^2 = m_1 v_{1i}^2 + m_2 v_{2i}^2$$
$$v_2 = \sqrt{\frac{m_1 (v_{0i}^2 - v_{1i}^2)}{m_2}}$$

$P = F \cdot v$
Try Again.
The correct answer does not depend on the variable, v .

WHAT DO YOU MEAN 'TRY AGAIN'?

#@\$% YOU, MASTERING PHYSICS!

OTHERS, NOT SO MUCH.

PRS: What is the net force on the baseball bat?

SOME OF YOU WILL THRIVE IN T.E.A.L.,

1. mg

2. $mg + F_a$

3. $-F_a$

4. zero

LULZ, I OWN THESE PRS QUESTIONS.

SLEEP IN T.E.A.L.,

OR BE... SOMEWHERE ...IN T.E.A.L.

$x = A \cos(\omega t) + B \sin(\omega t)$

$F_a + F_k = 0$
 $m\ddot{x} + kx = 0$
 $x = -\frac{k}{m}\ddot{x}$
 $\omega_0 = \sqrt{\frac{k}{m}}$

Technology Enhanced Active Learning

YOU COULD FIND A SUNNY SPOT ON THE 'CURVE',

8.01 Final Exam Grades

OR, IF YOU'RE REALLY LUCKY, YOU COULD EVEN FIND YOUR FUTURE GIRLFRIEND (OR BOYFRIEND).

SO FOR 4B, DID YOU GET $v(m) = u(1 - \frac{m}{M})$?

YES!

WE GOT IT RIGHT!
And she's really cute!

COME TO M.I.T.
KILL YOURSELF WITH CLASSES,
MEET OTHER NERDS, AND FIND OUT WHAT YOUR STORY IS.

OR FIND THAT GYROSCOPES ARE CONTROLLED BY EVIL BEINGS BEYOND OUR UNDERSTANDING. (OR THE TORQUE CHASES THE ANGULAR MOMENTUM.)

BRING ME PUPPIES.

$\Omega = \frac{d\theta}{dt} = \frac{1}{r} \frac{dr}{dt}$

$\frac{1}{m} \frac{dm}{dt} = \frac{1}{u-v} \frac{dv}{dt}$
 $\int \frac{1}{m} \frac{dm}{dt} dt = \int \frac{1}{u-v} \frac{dv}{dt} dt$
 $\ln(m) \Big|_m^M = -\ln(u-v) \Big|_u^0$
 $\ln(\frac{M}{m}) = \ln(\frac{u}{u-v})$
 $\frac{M}{m} = \frac{u}{u-v}$
 $\frac{M}{m} = \frac{u}{u-v}$
 $\frac{M}{m} = \frac{u}{u-v}$

Crossword Puzzle

Solution, page 21

ACROSS

1 Ricochet

6 Clods

10 Booty

14 Barack of Illinois

15 Bloke

16 Mosaic piece

17 Sensory organs

18 Summon

19 Tantrum

20 Average guy

23 Chew the fat

24 Egt.-Syr., once

25 Posh

27 Lacking vegetation

31 Pilfer

33 "East of Eden" director Kazan

34 Oh yeah, right

36 Secret agents

40 Three average guys

43 Beer mug

44 Rick's flame in "Casablanca"

45 Nickel or quarter

46 Dance moves

48 Monopoly card

50 Godzilla rival

53 ___ Na Na

54 Owing the kitty

55 Average guy

62 Back of the neck

64 Zilch

65 Dern of "Jurassic Park"

66 Concoct

67 Of all time

68 Born before

69 Four six-packs

70 New or raw follower

71 Shortstop Walt

DOWN

1 Pt. of speech

2 Bug trailer?

3 Foolhardy

4 Prophetic sign

5 "The ___ of the Red Death"

6 Come to pass

7 Fictional whale seeker

8 Drop dramatically

9 Dovetail connection

10 Ave. crossers

11 Sides of stages

12 False name

13 Manage somehow

21 Fit of terror

22 Sound of cymbals

26 Llama's relative

27 All ___ are off!

28 Oodles

29 Hoarfrost

30 Crudites platter item

31 Vacuum-packs

32 Hamilton bills

35 Bypass

37 Pig or cast follower

38 Writer Ambler

39 "Auld Lang ___"

41 Lead-in

42 Russian villa

47 Part of ERA

49 "Hell's Angels" star

50 "Countdown" network

51 "Butterfield 8" author

52 Hits the keyboard

53 Gridlock

56 Jazz pianist Brubeck

57 Invention origination

58 New Haven campus

59 Dench of "Shakespeare in Love"

60 Mispickel and cinnabar

61 Corn units

63 Ram's lady

LEGAL COUNSEL

MIT students, family, employers and start-ups seeking U.S. legal counsel, campus or office consultation. Call: James Dennis Leary, Esq. 321-544-0012

Condo/\$199K (617) 688-2581

OH Sun. 4/5 12p-1p Inman Sq 1218 Cambridge Street Unit B

Priv Indry&storage,H,HW more 436 sf/grt 4 student/MIT=1 mile!

CambridgeStCondo@yahoo.com

got sperm?

SPERM DONORS NEEDED

Up to \$1100 a month!

Healthy MEN in college or with a college degree wanted for our sperm donor program.

Minimal time commitment

Help people fulfill their dreams of starting a family.

Receive free health and genetic screenings.

APPLY ONLINE:

www.SPERMBANK.com

Pseudoscience

by Daniel Klein-Marcuschamer

Word of mouth

E!

Discovery/Nat Gec

CNN/Fox news

CNBC/Bloomberg

Comedy Central

Figure 55. The pie chart shows the fraction of the population whose main source of information falls in one of the above categories. Five of the six categories share most of the audience, with scientifically-oriented TV networks being the exception. A remarkably high proportion of the population stays current with a channel that focuses almost exclusively on gossip, while a noticeably low proportion does so with channels devoted to news. This suggests (i) that the public pays particular attention to personal affairs, (ii) that the news channels are untrustworthy or uninformative, or (iii) a combination of both. It also explains why celebrities can easily become political figures, and why political figures are often treated as celebrities. (Visit <http://pseudocomic.blogspot.com>)

Doonesbury
BY GARRY TRUDEAU

Dilbert® by Scott Adams

ARTS

PREFROSH EXCLUSIVE

*Attention Prefrosh: Arts at MIT**Start a Band, Direct a Play, and See the Latest Foreign Films*

By S. Balaji Mani

ARTS EDITOR

Whether you're completely new to MIT or a self-proclaimed lifer, there are always plenty of ways to get involved with the arts at MIT, or in the surrounding community. Here's a brief guide to what kinds of arts opportunities are available at MIT. If you're hoping to get off campus for a bit and explore arts in the city, there's even more out there to satisfy your craving. This article isn't intended to list every group at MIT nor every concert hall in Boston, but rather to give a small sampling of what you could enjoy here. Exploring on your own is always an encouraged avenue for finding out about art at MIT and in the city!

Performing Arts

Music at MIT is extremely strong whether you're into the traditional or the contemporary. In addition to a successful chamber chorus and symphony orchestra, many students also join smaller ensembles, which are typically organized through the music department. MIT also boasts two outstanding world music ensembles, Gamelan Galak Tika (playing Bali-

nese music) and Rambax (a percussion group celebrating the music of Senegal). MIT DanceTroupe always puts on a spectacular show, featuring a number of dance styles and an overwhelming student participation. Actors may enjoy joining the Shakespeare Ensemble (which just performed *Pericles*), Dramashop, or even Musical Theatre Guild. Students also direct one-act plays during the year. Singers have no problem joining one our many highly-acclaimed a cappella groups — and they are often caught rehearsing under our beautiful dome in building 7!

Visual Arts

If you're not much of a singer or an actress, then head over to the Student Art Association (SAA) on the fourth floor of the Student Center. Students at all skill levels register for inexpensive classes throughout the year in ceramics, painting, and even photography (a class that will give you access to an on-campus darkroom!). Budding photographers can also be found working with *Technique*, MIT's yearbook and photography club, and *The Tech*, the newspaper you're reading now. The Wiesner Student Art Gallery usually displays the works of students in the SAA classes. If you

like looking more than creating, then the List Visual Arts Center is the place for you: its exhibits showcase the work of rising contemporary artists as well as seasoned photographers, sculptors and filmmakers. Boston's Museum of Fine Arts is a pleasant bike ride down Mass. Ave, and also provides student discounts.

Live Music

A number of bands form at MIT, and in recent years have played big concerts at Senior House, Bexley Hall and East Campus. More "professional" bands play at Boston venues such as The Paradise and the Orpheum Theatre, both of which are smaller halls. Symphony Hall, besides being the home of the BSO, brings a number of world music, jazz, and folk acts to town. You can even get a BSO student card to receive discounts and special offers every season. If you're really into jazz, the Regatta Bar in Harvard Square and Sculler's (at the Double Tree Hotel) have hosted names like John Scofield, McCoy Tyner, The Bad Plus, and Michael Brecker. Within walking distance from MIT are The Middle East and TT The Bear's Place, which are smaller clubs that invite local bands, indie acts, and alternative rock groups. Some shows are 18+, and

some are 21+ — remember to check ahead (or to bring your "ID").

Silver Screen and Stage

Kendall Square Cinema, located near MIT, is the place to go to find popular movies, as well as acclaimed foreign and independent films. If you're already in Boston for the night, the AMC Loews near the Boston Common is an option. Opera fans might want to check out the Majestic Theatre, the Shubert Theatre, and the Wang Center. Student rush tickets are usually available, but call ahead to ask for availability. The American Repertory Theater puts on a variety of works, and the Central Square Theater in Cambridge is currently showing *The Life of Galileo*.

If you're a visiting prefrosh, take the time to check out the myriad performances and exhibits from student groups and ask questions about arts at MIT. Walking through dorms, you may even hear a campus band practicing for their next big show, or see someone coming back from a cappella rehearsal. Using this guide as a starting point, you'll see that there's always a chance to immerse yourself in the arts in multiple capacities when you're an MIT student.

MOVIE REVIEW ★★½ / 4

*Conspiracies Abound in 'State of Play'**A Look Into Investigative Journalism and Politics*

By Sun Kim

STAFF WRITER

State of Play

Directed by Kevin Macdonald

Written by Matthew Michael Carnahan

Starring Russell Crowe, Ben Affleck, and

Rachel McAdams

PG-13

Opens Today

State of Play, based on a BBC miniseries by the same name, begins with a chase: a frantic dash across busy streets and crowded stores. The person being pursued, a street criminal, finds what seems to be a safe location behind trash cans, only to be shot in the head by an unmasked assailant, an eerie individual the viewer sees at various points in the film. The next scene depicts the murder of a young woman whose death is implied by a scream as she is pushed in front of a subway train. Seemingly unrelated, the two murders set into motion a mystery thriller interweaving journalism, politics, and personal affairs. Despite this fast-paced opening, the film slows to a meandering walk as the plot develops in various locales around Washington, D.C., with twists and turns that eventually confuse the moviegoer.

Russell Crowe plays Cal McAffrey, a messy and crude, yet seasoned and well connected investigative reporter who reluctantly partners up with Della Frye, played by a tenacious and eager Rachel McAdams, to solve the mystery concerning the two initial deaths. The murdered young woman happens to be a research assistant and mistress of Congressman Stephen Collins, played by Ben Affleck, adding to the conflict. Collins had been investigating a military contracting company called PointCorps and its lucrative government deals.

Conspiracy theories, conflicts of interest, and personal intrigue pervade the film, including the fact that McAffrey and Collins were college roommates, PointCorps stands to make billions with the fall of Collins' reputation, and most importantly of all, the eerie gunman's identity, which is revealed at the end of the film.

The immense intricacies of the film weighed it down and serve as the main weakness for *State of Play*. What seemed like hours was only forty-five minutes. The percussion-heavy score became annoying closer to the end of the film with headache-inducing clangs and numbing thuds. In addition, it seems that films criticizing the military have run their course, and the oftentimes anti-military overtones in the film just sounded trite. A couple of plot holes added to the confusion, especially near the end. The end itself, although rather predictable, gave an uneasy, unsatisfied feeling, much like eating a stale cookie.

Despite the complex web of relation-



COURTESY OF GETTY IMAGES

Ben Affleck plays Congressman Stephen Collins who is caught in the middle of a scandal after his mistress is found dead in *State of Play*.

ships, clichéd lines (Affleck stating "You are my only friend," to Crowe in his apartment), and a somewhat deflated ending concluding a disorganized resolution, *State of Play* provides an interesting look into the relationship between journalism and politics. It touches on the aspects of the new age of journalism, viewed through the lens of the Internet and blogs. The overall role of journalism is addressed in *State of Play*: whether it is to seek the truth or whether it is to mold public opinion. Quests for real answers often give way to sensationalist human interest stories. The former exhibits public service, while the lat-

ter sells and makes a profit.

Crowe's character demonstrates the nitty-gritty life of a good journalist — one who plays hard ball, goes with his guts, risks his life, and, ultimately, gets the story at the end of the day. Frye's blogging prowess and youthful energy represent what many perceive to be the new era of journalism as many papers face hard financial times and reduced readership. This tension is demonstrated in the development of the film and is reconciled as Frye discovers the bleaker side of journalism and human nature.

In any event, the attention to detail made

the viewing experience worthwhile. The subtleties in the different shots, including one of McAffrey's desk that shows a Mike Luckovich cartoon (kudos if you find it) helped me appreciate the direction of *State of Play*. McAffrey's editor, played by Helen Mirren, provided much needed comic relief only a veteran British actress could bring. Granted, although I am a sucker for good film technique, the film as a whole was average at best: it stated loud and clear the importance of the press while getting lost in its own intricate, and, at times, convoluted trail of evidence.

CONCERT REVIEW

MIT Chamber Chorus Prepares for Harbison’s Seventieth

The Challenge of Performing Williams, Poulenc and Schütz

By Sudeep Agarwala

STAFF WRITER

MIT Chamber Chorus
William Cutter, Conductor
Kresge Auditorium
April 10, 2009

There’s no getting around Tomás Luis de Victoria’s setting of *O magnum mysterium* text for me, if it isn’t for Francis Poulenc’s setting of the same text. But maybe that’s an asset when it comes to listening to Harbison.

To be sure: Pulitzer Prize-winning composer and (among many other things) Institute Professor John Harbison is turning seventy this year, and MIT is not forgetting his birthday.

All for the best. MIT’s Chamber Chorus, under the direction of William Cutter, performed an evening of works by Harbison, Vaughan Williams, Poulenc and Schütz on Friday, April 10.

It was a challenging program, as Harbison’s music, particularly, is not easy to perform. Take his setting of the Advent text *O magnum mysterium* — perhaps it’s unfair to say that the piece is somehow written in a neo-Renaissance vein, but for a text so indelibly maculated in the choral tradition by Victoria’s sixteenth century setting, it’s impossible not to get around the perhaps subtle nod to the Spanish composer in the opening counterpoint of the piece. And then there’s the grand blossom that suddenly shakes the piece into *Les Six* and *fin de siècle* Paris, Poulenc writing at the heels of Satie. This is unfair, and I should apologize: I shouldn’t molest Mr. Harbison’s distinctly American sensibilities with Frenchified extravagance, but this is part of what makes the work so incredibly difficult. Were it simply Victoria or simply Poulenc, that would be enough — but synthesizing both in a single piece is not only a nightmare, it’s genius.

Or *Umbrian Landscape with Saint*, performed with an all-star chamber accompaniment (among the many renowned musicians that evening, Peggy Pearson, oboe, Marcus Thompson, viola, Jean Rife, horn, David Russell, cello, to name a few) required what can only be described as death-defying acrobatics in musicianship. The world premiere of the choral version of the work, it seemed unfair and superfluous for the chorus to perform the work with chamber orchestra. Here was a rich, Messiaen-esque piece, replete with birdsong and the rich, declamatory horns and vivid, almost early-Baroque, string section. But for the choir: text, at times, was awkwardly set to match the largely instrumental melodic line that the choir doubled, at times, choral lines were set unreasonably high or awkwardly. Certainly the choir added a vitality and direction that would have been sorely missed in the purely instrumental piece. But regardless of this role, it was hard not to see the choir

as a mere after-thought to a work written for chamber orchestra.

Friday evening’s concert must have been as exciting to perform as it was to hear. The concert began with Ralph Vaughan Williams’s *Choral Flourish (Psalm XXXII)* and Poulenc’s *Quatre petites prières de Saint François d’Assise* sandwiching Harbison’s short setting of *O magnum mysterium*. The historical intelligence needed to perform these pieces is nothing short of astounding: Vaughan Williams, an early twentieth-century British composer, firmly informs his work in the tonal world of the Gregorian chant — Poulenc too, taking a page from other early twentieth-century French composers.

The choir performed the Vaughan Williams work with a palpitating vitality: melodic lines in Vaughan Williams’s counterpoint were clean and stentorian, as the composer no doubt wanted them to be, and the choir benefited from a well-grounded bass section that supported the other voices. Poulenc’s work, scored for all mens’ chorus, seemed a little lackluster, but it’s unclear that this was at all the choir’s fault. Poulenc’s voluptuous line fell dead in the somewhat muted space of Kresge Hall.

Ectopia seemed to be the fault again in the final set of pieces performed on Friday evening, four works from Heinrich Schütz’s 1625 *Cantiones Sacrae* (I. *O bone, o dulcis, o benigne Jesus*, SWV 53, II. *Et ne despicias humiliter te petentem*, SWV 54, XIII. *Heu, mihi Domine*, SWV 65, XVII. *Spes mea, Christe Deus*, SWV 69). Schütz’s pieces are remarkably versatile in their composition and difficult in their structure, running a gamut between nuanced counterpoint to fairly heavy-handed choral fanfare. It was, no doubt, surprising to hear the choir tackle such intensely developed works as an ensemble with seeming dexterity and ease. However, Schütz’s works, as with Poulenc’s earlier in the evening, were written for (and thrive in) the vaulted ceilings and resonant chambers of chapels and cathedrals. It is a great task to translate that type of sonic arena into the space of Kresge Auditorium.

An interesting and thoughtfully programmed evening, the Chamber Chorus continues the choral season on April 24th, performing Harbison’s *Umbrian Landscape with Saint* in honor of the composer’s 70th birthday, and on May 8th with MITSO under the leadership of Adam Boyles, performing Stravinsky’s *Chorale Variations on “Von Himmel hoch.”* William Cutter leads a community sing on April 16 from 5–6 p.m. in Lobby 10 and conducts the MIT Concert Choir in Beethoven’s *Mass in C Minor* and Haydn’s *Te Deum for the Empress Maria Theresa* on May 3. More information for both the Chamber Choir and Concert Choir performances can be found at <http://web.mit.edu/21M.405/www/index.html> and <http://web.mit.edu/21m401/www/concert/>.

CONCERT REVIEW

Great Scots at The Paradise

Opener Ida Maria Impresses, Too

By John Z. Sun

Glasvegas
Paradise Rock Club
March 31, 2009

Glasvegas, Scotland’s hottest rock group, is on their first U.S. tour to promote their eponymous debut album. After visits to David Letterman and SXSW, they finally arrived at Boston’s venerable Paradise Rock Club on Tuesday night. Joining them in the sold out show was Ida Maria, a promising and kinetic Swedish singer.

Ida Maria, along with her band, kicked things off with a bang with songs from her impressive debut album *Fortress Round My Heart*. As she tragically mused about God (“Stella”) and unleashed her sexual presence (“I Like You So Much Better When You’re Naked”) in a powerful, cracked voice reminiscent of Janis Joplin, Ida Maria commanded the stage like a seasoned veteran. Her band, especially bassist Johannes Lindberg, matched her howls with virtuosic thrashing and banging, creating a fun first act. With their talent and ferocity, the band quickly won over the crowd and was rewarded with a resounding ovation as they ended with “Oh My God,” one of Pitchfork Media’s top 100 singles of 2009.

After a long intermission that left the audience buzzing and restless, Glasvegas took the stage. Completely dressed in black and painted blue by the lighting, they could easily be mistaken for a more somber group. However, as they launched into their hit single “Geraldine” in a bath of strobes and colored lights, Glasvegas revealed that they are much more engaging and energetic than suggested by their discography.

The band efficiently worked its way through almost every song from the debut album and even a couple from their Christmas-themed EP *A Snowflake Fell (And It Felt Like a Kiss)*, including the not-so-festive “F*** You, It’s Over.” I realized quickly that I underestimated the strength of their album, as all the songs translated well live. “It’s My Own Cheating Heart that Makes Me Cry” began slowly but ended in a cathartic flourish. Leader singer James Allan gently crooned through the moodier songs like “S.A.D. Light” and the fantastic “Flowers and Football Tops,” about a murdered youth in Glasgow, and roared in the anthemic “Go Square Go.”

There’s a lot to like about Glasvegas live: Allan’s thick Scottish accent and fondness for kissing females in the first row, the fact that drummer Caroline McKay stands, bassist Paul Donoghue’s cheesy footwork, and lead guitarist Rab Allan’s pulsating sounds. Their fresh sound is a combination of the introspectiveness of Oasis with the distorted guitars of the Jesus & Mary Train and a touch of rockabilly.

As Glasvegas finished their night with “Daddy’s Gone,” the song that made them an internet phenomenon and set off a bidding war with the major labels, I couldn’t help wondering when they will tour this side of the Atlantic again. What makes Glasvegas so good is that they manage to be mainstream and calculating without seeming manufactured, a band with arena-rock aspirations but still cool enough to be appreciated as indie rockers. If they continue to flourish, their next Boston show will surely be in a much larger venue than Paradise.

Next Act

Don’t forget to check out Next Act’s performance of *Sweet Charity*, based on a book written by Neil Simon. The music was composed by Cy Coleman and lyrics written by Dorothy Fields. Performances are scheduled for today and tomorrow at 8 p.m. at Next House. The best part: admission is free! This year’s production is directed by Matt Cohen ’10.

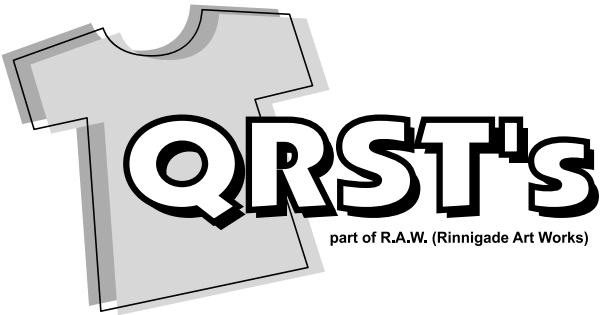
The Tech can fulfill your dreams, if you dream about getting press tickets to sold-out shows.

join@tech.mit.edu

T-SHIRTS

...a necessary fact of College!

- Deal direct...no middlemen
- Fast turnaround
- Award winning & computer literate art dept.
- Free delivery & reasonable pricing *Cambridge & Boston Area
- Full color t-shirts and coffee mugs - no minimum!
- Locally owned & operated in Somerville, MA.
- ...and best of all - no boring lectures



ph - 617-625-3335
email - info@qrsts.com
www.qrsts.com
serving the M.I.T. Community since 1989

Prospective Freshmen Looking Forward to the Weekend

Interviews compiled by **Claire Nieman '13**. Photos by Andrew T. Lukmann G.



Nina Budaeva
Berkeley, Calif.
Theoretical physics

What aspect of CPW are you most excited about?
Just meeting the people here, sitting in on classes, comparing what I see here to Caltech.

Are there any events that particularly interest you?
Sitting in on classes, especially the physics classes. I was really happy because we saw junior labs in physics today, and I saw setups that I only saw in textbooks. I'm just excited about the whole combination of events.

Anything else you'd like to add?
It's cold! I'm wearing a ski jacket!

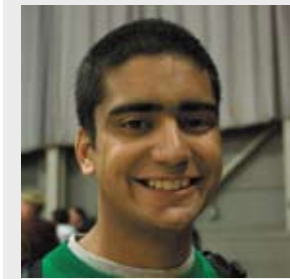


Jonathan Trevino
La Feria, Texas
EECS

What aspect of CPW are you most excited about?
Meeting new people. I'm planning on coming to MIT, so I'm networking.

What initially attracted you to MIT?
The fact that it's pretty prestigious, but it backs up that prestige. It really is the premier engineering school, which is what I'm interested in.

Are there any student activities that you'd like to do?
I'm Hispanic, and I'm particularly interested in joining something that deals with my heritage.



Manyu Belani
Palo Alto, Calif.
Mechanical Engineering-

What aspect of CPW are you most excited about?
Breaking with Immobilare. I've been break dancing for a little while. I'm also excited to come to MIT and start studying.

Are there any events that particularly interest you?
The Bouncy Ball Drop. I just like bouncy balls! I mean, who doesn't like bouncy balls, you know?

What initially attracted you to MIT?
Just a community of really enthusiastic people who like building stuff and learning about science. I build stuff all the time. I destroy stuff all the time, though.

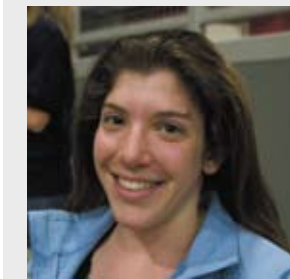


Andres Rodriguez
Caguas, Puerto Rico
Mechanical Engineering

Are there any events that particularly interest you?
Right now? I have no idea.

Are there any student activities that you'd like to do?
Research, playing chess, listening to music.

What initially attracted you to MIT?
Reputation. I met a lot of Puerto Ricans at the admitted students' meeting, and I went to MITES last year.



Hannah Sieber
Wayland, Mass.
Brain and Cognitive Sciences

Are there any events that particularly interest you?
I'm pretty excited about a cappella and barbecue on the rooftop.

Are there any student activities that you'd like to do?
I'm going to do crew next year, so that will take all my time!

What initially attracted you to MIT?
I really like math and science, and it had the perfect program for what I wanted to do. My dad went here, so I've grown up knowing about it.

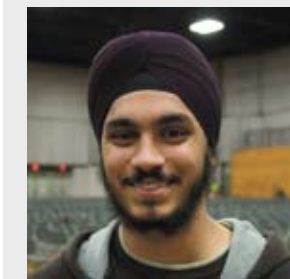


Emily Zhang
Wayland, Mass.
Architecture

What aspect of CPW are you most excited about?
Seeing dorms, meeting people, and partying!

Are there any student activities that you'd like to do?
I'm thinking about being a coxswain for [men's crew], or maybe I'll just watch.

What initially attracted you to MIT?
It's really famous, and I like the creative aspects of MIT, that there is a quirkiness that no other school really has. I also liked the MIT admissions propaganda that they sent out.

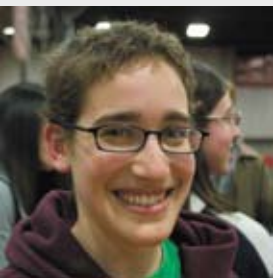


Kuljot Anand
Toronto, Canada
Biomedical Engineering and Business

Are there any student activities that you'd like to do?
I want to learn how to dance, doesn't really matter what kind. I'm also interested in environmental groups.

What initially attracted you to MIT?
I randomly applied, and I got in and actually liked it. Kim Hunter from Admissions came to Toronto for an info session, and that's really where I got the motivation to apply.

Anything else you'd like to add?
I'm not going to sleep, even though I'm sleepy.



Rae Millikan
Minneapolis, Minn.
Mechanical Engineering

What aspect of CPW are you most excited about?
Just getting a chance to see Caltech ... I mean MIT. I was just talking about Caltech. I'm excited to get to learn more about MIT, and find out more what it's like during the school year.

Are there any student activities that you'd like to do?
I'm not really sure, but I could see myself playing either tennis or ultimate frisbee.

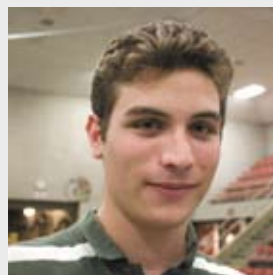
What initially attracted you to MIT?
It seems like the student body is into a lot of different things, and there's a lot going on. Boston's a really cool city,



Julia Zimmerman
Houston, Texas
Biology

What aspect of CPW are you most excited about?
I really like how excited everybody got about what they do. I was really worried that I wouldn't be able to do anything interdisciplinary, because other people tell you when you say you're going to MIT that "oh, you're only going to major in one thing," but it sounds like there is a lot of time to do interdisciplinary things, and any separation between disciplines is a false dichotomy. I think the problem is going to be narrowing it down, because everything sounds so fascinating.

Are there any events that particularly interest you?
Biology stuff sounds cool. Oh, and all the FIREHOSE events. All of the topics sound really good. I don't know if I can stay up until 3 a.m., though.



Sam Heilbroner
New York City, N.Y.
Math and Physics

What aspect of CPW are you most excited about?
The kids. I sat down at a frat for a couple hours and just talked about physics and math.

Are there any events that particularly interest you?
Just going to see some of the lectures, and playing Capture the Flag.

What initially attracted you to MIT?
It's the best math and science school in the universe. I don't think you're going to find anywhere else where the students really love math and science. My dad went to Harvard and he said that if I went there I would have a very different experience.



Members of ESP (Educational Studies Program) make balloon animals for prospective students at the CPW festival in the Johnson Ice Rink on Thursday night.



Prospective student Isaac Gutenkunst smashes ice during the CPW festival on April 16. This event was sponsored by East Campus Second West residents, who were also preparing liquid nitrogen ice cream.



SETH A. VILLARREAL—THE TECH

Welcome Prospective Freshmen!

Prospective students arrive for the three day Campus Preview Weekend on April 16. Student flew in from as far as New Zealand to get a taste of the MIT experience. More than 900 prospective students, out of the 1061 who registered for the weekend, arrived on Thursday.

(counter-clockwise from left)

Prospective students gather around the ESP (Educational Studies Program) booth to catch free t-shirts that were thrown into the crowd in the Johnson Ice Rink during the CPW Festival .

A sign titled “Carnivorous Plants Win” along with a toilet plunger appeared in the Dollar Bill Lounge in the Infinite Corridor, a reference to the carnivorous plants that threaten the plumber Mario in the Mario video game series. Hackers put up signs

around campus with various meanings of the acronym “CPW.”

Kevin A. Fischer ’11 holds a discussion with a prospective student. He walked around wearing a cardboard box promoting “CryoFAC” in reference to the East Campus based group that served liquid nitrogen ice cream during the CPW festival.

Prefrosh play a game of Twister hosted by East Campus at the CPW festival.

Prospective student Robert Haussman takes part in an EMT (Emergency Medical Technician) demonstration as part of the CPW festival.

Jennifer E. Lai ’10 of the Association of Taiwanese Students hands out bubble tea to prefrosh during the CPW festival.



ERIC D. SCHMIEDL—THE TECH



ANDREW T. LUKMANN—THE TECH



STEVE HOWLAND—THE TECH



SETH A. VILLARREAL—THE TECH



AVIVA SIEGEL



Smile!

We're happy to meet you! *The Tech* depends on your contributions to keep all of MIT informed and aware of the news, to keep tabs on the MIT administration, and to make you laugh. Drop by W20-483 and join in the fun!

Meet the Tech Photographers

Friday, April 17, 4:00 p.m.–6:00 p.m.

Don't settle for a point and shoot. Capture that perfect moment when a batter hits a home run, when a break dancer busts a move, when the piano drops. Learn how to use *The Tech's* state of the art photography equipment with our experienced staff.

The Tech Open House

Friday, April 17, 5:00 p.m.–9:00 p.m.

Check out MIT's "School of Journalism" — *The Tech*. Play with our cameras, read the code of the first newspaper on the web, and meet writers and editors to found out how you can be a part of tomorrow's headline stories. Delicious food will be provided.

Caffeinated Breakfast with *The Tech*

Saturday, April 18, 9:30 a.m.–11:30 a.m.

There's no better way to start a Saturday morning than with a cup of coffee and a newspaper. Stop by the office to caffeinate yourself, grab some breakfast, and catch up on news from MIT and beyond.

The Tech Open House

Saturday, April 18, 3:00 p.m.–7:00 p.m.

Explore MIT's "School of Journalism" — *The Tech*. Stroll on over to the office in the Student Center to play with expensive photo equipment, check out the back-end internals of our dynamic web site, and meet writers and editors to find out how you can be a part of tomorrow's stories. A scrumptious repast will be served.

How It's Made: The News

Saturday, April 18, 3:30 p.m.–5:30 p.m.

Ever wonder where the news comes from? The Tech's news editors pull back the curtain from how the news is made. Along the way, we'll highlight some of journalism's triumphs (and blunders).

Rock Out with *The Tech*

Saturday, April 18, 7:00 p.m.–9:00 p.m.

As CPW winds down, join us and relax with Rock Band 2, Halo 3, Super Smash Brothers Brawl, and a variety of other games on our 50-inch TV and 125-inch projector screen.

The Tech
Established 1881
join@tech.mit.edu Room W20-483

Dispatches from the First Day of CPW



RAMYA SANKAR—THE TECH
Erik Tamayo is a prospective student from Lawndale, Calif.

ing lost for a couple of hours was probably the most fortunate event that has occurred. I have met many prospective freshmen as well as current MIT students who are soon to become long-term friends as I undergo my undergraduate education at this university.

CPW is filled with so many surprises, from the usual campus tours, to smashing fruit and eating nitrogen-chilled ice cream. I have been in so many events and so far it's barely been the first day of CPW. As this event continues, I'll look forward on the rest of the weekend, making sure that I won't miss out on any of the best activities at MIT.

It has only taken one day for me to realize that MIT will prove to be the school for me. I eagerly await the upcoming fall term of 2009 and am grateful that I decided to attend CPW an event that every prospective student should attend to complete their idea of this school.

Erik Tamayo
Just as any new hectic day begins, MIT has been the most chaotic one so far in the past couple of years. My name is Erik Tamayo, recently accepted to the MIT Class of 2013, and completely oblivious to how this institution runs.

Hailing from Lawndale, California (a city within the Greater Los Angeles area), I had no idea what to expect from MIT and its Campus Preview Weekend. This trip has proven to be the most rewarding and memorable one of my life. From the get-go, I was puzzled about how the buildings seldom went by its name but rather, its building number. Being

there experienced the joys of truffle-making, cooking French food, exploring the campus, and consuming delicious liquid nitrogen ice cream.

All of these events led up to the big CPW welcome and festival later this evening. All of us prefrish were finally in one place at the same time. We met the admissions officers who admitted us, enjoyed a variety of performances, and learned unique facts about our class. (It turns out that my name and my sister's are the most popular girls names in the Class of 2013!).

Our orientation leaders were introduced with a Harry Potter skit, the Logarithms sang an outstanding trio of songs, and we were given practical CPW advice by a current freshmen. As we entered the festival, we were greeted by the music of the MIT marching band, a group that I was really looking forward to see (Yes, I like band — flutes rule!). The festival was packed with stands advertising the many MIT activities open to students. Music was playing, a miniature golf course was set up, and free food and shirts were to be found everywhere. I met many members of my future class, people coming from all over the world, everyone happy to meet everyone else, and ready to embark upon that journey that is CPW. And so it begins...

Samuel Millington

Greetings! I'm Samuel Millington from New York City. After a four hour drive and arriving at MIT, I was eager to take my bag and jump out of the car, but my sister reminded me that before submerging myself into the amazing event known as CPW I had to eat something. I quickly reminded her that food was not a problem and it was going to be available pretty much everywhere.

After my quick registration, the next question was what I would do next. I decided to take a campus tour to get well acquainted with MIT.

Out of the many events, I decided to attend the minority dinner where I met many other prefrish. I realized that in order to fully experience CPW, I would have to make friends. From the dinner my new friends and I walked around campus before going to the welcome ceremony. It was loaded with exciting events such as a hip-hop group and the all male a cappella which were my personal favorites.

I headed out to the CPW festival where, for the first time in my life, I had the chance to smash a coconut with a jackhammer and eat nitrogen chilled ice cream.

Now as I continue my quest to participate in every event possible, I am more convinced that MIT is the place for me.



RAMYA SANKAR—THE TECH
Samuel Millington is a prospective student from New York, N.Y.



RAMYA SANKAR—THE TECH
Elizabeth D'Arienzo is a prospective student from East Meadow, N.Y.

of the necessary supplies — a pillow, some extra socks, etc. — we all piled into the car for the hopefully traffic-free journey north to the mythical place of MIT.

Fast forward about four and a half hours. We are now on Massachusetts Avenue crossing the Harvard Bridge between Boston and Cambridge. The view in our front window now becomes what I have been anxiously waiting for the whole ride — the great dome crowning Killian court on the right and dorm row rising on the left, signifying our arrival. It is one ten in the afternoon; CPW has officially started for me.

After registering for the weekend and contacting my host, I am eager to explore the wonders of the campus. It is not my first time here. The Women's Technology Program, a month-long overview of engineering for rising senior girls, was the beginning of my fascination with MIT. Since then, I have become mildly obsessed with all things related to the Institute. I am extremely excited to return, meet up with many of my friends from the program, as well as many others who I will soon get to know embarking on my own much-anticipated CPW experience.

I had about an hour to kill before the first event I wanted to attend, truffle-making at Random, was scheduled to begin. So, I decided to wander around in the general direction leading to that dorm, and eventually wound up at the correct location, though with help from the many arrows and encouraging messages pointing me in the right direction. Upon entering, I was asked why I was there, since my face was new at the dorm. I enthusiastically replied that I was a prefrish who was just wandering around and wanted to check out Random. The door was opened and immediately I was introduced to a current resident, who led the way through the building to help me find the current tour group. I began my CPW with a dorm tour, and from

Elizabeth D'Arienzo
Hello MIT community! My name is Liz and I am a prefrish from New York enjoying the first tastes of CPW. Today has been amazing, and fortunately for the future members of the class of 2013, this is only a sample of what is to come.

Let's start at the beginning. 5:45 a.m., my alarm rings. The sun is just stretching its tiny rays as I enthusiastically woke the rest of my family. Normally, I do not usually wake up so easily, but today is not a normal day (unless believe the chalk designs left on Mass Ave. courtesy of the residents of Random Hall). After packing the last



RAMYA SANKAR—THE TECH
Kenya Mejia is a prospective student from Los Angeles, Calif.

dent Discussion dinner where I stuffed myself with three different types of meat: a burrito, tacos, spoonfulls of rice, beans, guacamole, and sour cream, and a quesadilla.

The most exciting event for me was the CPW festival. After taking the advice of taking as many freebies as possible and trying out new things I ended the night with blue fingers, a free Spark shirt (for which I fought giant prefrish for), and a funky balloon hat. I knew CPW would be crazy, and hopefully tomorrow will include events more wild than smashing fruit.

Kenya Mejia
Hello everybody, I'm Kenya Mejia, a future Environmental Engineer. I arrived at MIT Thursday morning at 8:15 a.m. after a red eye flight from Los Angeles. After quickly dropping off my luggage, I went hunting for breakfast and had a nutritious and delicious Snickers bar.

I was excited, yet nervous to be exploring my soon to be home, but what really made my experience more fun was the people I met. Erik was my host's friend's prefrish and so we headed to a Latin Studies class somewhere in the infinite corridor. I found my other friend, "Ben," at the Minority Student

Schmill Interrupted by Surprise A Capella Group Singing “Low”

CPW, from Page 1

female names in the admitted class were Michael and Sarah, respectively. The most represented state was California, and the most represented city was New York.

Schmill emphasized that all the prospective freshmen deserved to be here. “We don’t make mistakes!” he said.

Schmill was interrupted by members of the MIT Logarithms a capella group, who hid themselves among the sea of prospective freshmen. After the performance, which included the Flo Rida song “Low,” Schmill led a rendition of the “Happy Birthday” song for those students celebrating their birthdays over the weekend.

Before the end of the ceremony, the Assistant Director of Admissions, Lauren Avalos, gave the students a few safety instructions and wished them an enjoyable weekend. Shannon Moran ’12, one of MIT’s admissions bloggers, handed out “A How

To Guide for CPW,” and then the prefrish were divided into orientation groups. Orientation coordinators then introduced the Orientation Leaders, who led various icebreakers and games.

During the icebreakers, prospective students mingled with their peers and current undergraduates. Many posed questions about possible majors, the workload, and the activities offered.

Teresa Yeh, from Maryland, was very excited for the weekend. She looked forward to meeting everyone: fellow prefrish, current students, and professors.

“The MIT community is very collaborative,” she said. “Seeing all the very cool clubs at MIT — whether they are about community service and working with elementary school kids, or making food, or learning the chemistry behind chocolate-making — they all have a ‘we’re-all-in-this-together-for-better-or-for-worse’ mentality.”

Elise Stave, from North Carolina, said that she was attracted to MIT because of the vibrant student body. “There are so many different people, so many diverse interests,” she said. Stave said that she had already decided to come, and was looking forward to joining the diving team.

Devin Ceb, from Connecticut, said that he did not plan on sleeping at all. “I want to do as much as I can,” he said.

“Everybody seems to be having fun, and we couldn’t have asked for anything more,” said Associate Director of Admissions Matthew L. McGann ’00 toward the end of the opening ceremony. “The CPW weather machine is back!” McGann added.

After the icebreaker, the MIT Marching Band led prefrish to the CPW Festival, which took place in a loud and overcrowded Johnson Athletic Center. The festival showed off a handful of MIT’s student activity groups who performed and played games with the prefrish.

We get you the tickets.
You get us the review.



events • movies • theater • concerts
music • books • restaurants • interviews

join@the-tech.mit.edu

Genius Asian Egg Donor Needed to help us build our family

\$35,000 compensation

See
<http://www.eggdonorneeded.com/>
or email
william@eggdonorneeded.com
for more information.

**We are not an agency —
we are the family seeking
your help.**

Please help us.

No Network Monitoring Policy Troubling, Abelson Says

Monitoring, from Page 1

hear long after the fact.”

Data and connections being recorded

IS&T collects information on network activity in order to investigate compromised machines, which are machines that have been hacked or have a virus or worm. All connections are monitored, not only in academic buildings but also in dorms and FSILGs.

When I/T Security Support detects a compromised machine, they typically confirm that the machine is affected and then contact the machine’s owner to inform them of the compromise.

IS&T collects information about every connection on campus, and keeps it for three days. The logs include the connection’s source address and port, destination address and port, start timestamp, end timestamp, and the amount of data transferred over the connection. The logs don’t include any of the raw data that is transferred. McGovern said that the connection information is only stored for 3 days, and described that time as the “current operating policy.”

IS&T also scans a portion of all raw data that passes in and out of campus. The data is fed into an intrusion detection system that flags suspicious activity. McGovern said the

raw data is not stored. Mike Halsall, information and network security analyst, said that the logs of suspicious activity are not kept for more than 30 days.

For both the connection logs and the suspicious activity logs, only two people have access: Halsall and Tom N. Jagatic, senior IT security consultant, both of whom work for IS&T. Jeffrey I. Schiller ’79, MIT Network Manager, confirmed that this data is being generated and it is only being sent to the I/T Security Support team. Schiller and McGovern both said that they have never seen a subpoena for these logs.

MIT has briefly stopped monitoring in the past. In 2004, as IS&T was undergoing reorganization, the raw data feed was shut off, which prompted complaints. According to McGovern, the port was turned back on when staff contacted Jerry Grochow ’68, the Vice President of Information Services and Technology, saying that “being able to detect and recover compromised machines was a good thing,” and Grochow directed that the port be turned on.

No Official Policy

Officially, IS&T collects DHCP logs, which are used to link people’s computers to their online addresses. These logs are what are typically subpoenaed when the RIAA or MPAA is pursuing an alleged copyright in-

fringement case. The policy regarding DHCP logs is published on the IS&T website.

In contrast, IS&T does not appear to have any policy covering the retention and use of connection or security logs.

Professor Harold Abelson, who teaches 6.805 “Ethics and the Law on the Electronic Frontier,” found it troubling that these logs were being collected without public knowledge. “It’s a violation of fair information practices to be keeping logs that people don’t know about ... If they’re collecting logs, they have to inform people that it’s there. If they’re collecting logs, there has to be a policy on how those logs are used or not used.”

Abelson also said that because these logs could involve student information, having a policy is especially important. He said that a policy would probably need input from the Council on Educational Technology.

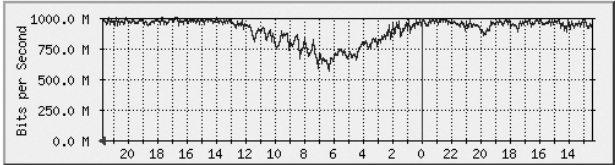
About the logs, Jessop said “It’s egregious to implement measures on the network that could be used to circumvent user privacy without both policies and procedures in place and some means for the users to understand what the implications to them might be,” Jessop said.

“If you told me this was Comcast, I wouldn’t have been quite as surprised,” he said.

Traffic Analysis for GigabitEthernet3/9 SPAN Port for Net Security

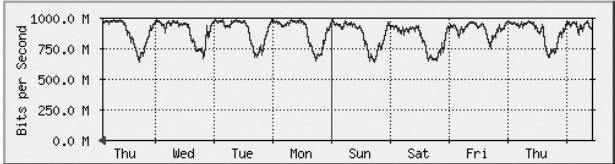
System: external-rtr-2.mit.edu in MIT W92-130
Maintainer: MIT Network Group, network@mit.edu, 617.253.8400
Interface: GigabitEthernet3/9
IP:
Max Speed: 125.0 MBytes/s (ethernetCsmacd)
The statistics were last updated **Thursday, 16 April 2009 at 21:46**, at which time 'external-rtr-2.mit.edu' had been up for **229 days, 15:44:31**.

'Daily' Graph (5 Minute Average)



	Max	Average	Current
In	0.0 b/s (0.0%)	0.0 b/s (0.0%)	0.0 b/s (0.0%)
Out	998.9 Mb/s (99.9%)	898.4 Mb/s (89.8%)	957.7 Mb/s (95.8%)

'Weekly' Graph (30 Minute Average)



	Max	Average	Current
In	0.0 b/s (0.0%)	0.0 b/s (0.0%)	0.0 b/s (0.0%)
Out	976.0 Mb/s (97.6%)	874.8 Mb/s (87.5%)	963.3 Mb/s (96.3%)

SCREENSHOT FROM [HTTPS://MRTG.MIT.EDU/MRTG/](https://mrtg.mit.edu/mrtg/)

Graphs showing network traffic entering IS&T’s network security monitoring system.

Production: We make *them* look good

News ♦ Photography ♦ Features ♦ Opinion ♦ World & Nation ♦ Sports ♦ Comics ♦ Arts

join@the-tech.mit.edu



Think Smart—Live Smart! at Watermark Cambridge

Watermark Cambridge is under new management by *Boston Residential Group*!

Inquire today about an exclusive 15% MIT affiliate discount!*

Currently undergoing *LEED certification*, Watermark offers a variety of 1– and 2– Bedroom and Penthouse floor plans with sleek urban designs and service-oriented amenities!

*Discount can not be combined with any other specials. Proof of MIT affiliation required. Other restrictions and/or qualification standards apply—Please call for details!

watermark
cambridge

www.watermarkcambridge.com

UNDER NEW MANAGEMENT BY



TUES, APRIL 28TH
11AM - 4PM

WALKER
MEMORIAL

MORSS HALL
BLDG. 50-140

THE CAREER DEVELOPMENT CENTER PRESENTS THE FIRST ANNUAL

SCF

SPRING CAREER FAIR 2009

MIT CAREER DEVELOPMENT CENTER

CAREERBRIDGE

CAREER MANAGEMENT SYSTEM

GECDC
GLOBAL EDUCATION AND CAREER DEVELOPMENT CENTER

EMPLOYER RESUME BOOK DEADLINE: APRIL 26TH



International Fair 2009
Food, live music,
and more!

Bringing the world to MIT



10am-4pm
April 24, 2009
Kresge BBQ Pits

Since 9/11, Foreign Students See More Visa Red Tape

Visa Delays, from Page 1

concern that her research and life at MIT had to be put on hold. Her husband, who remained in the United States while she was in China, made several calls to the State Department in Washington, DC, regarding the status of her visa application as the wait dragged on well into the winter.

On March 27, Chen finally received the e-mail that her application had been approved. She returned promptly to MIT a week later on April 4.

Since the Sept. 11 attacks, there has been an increase in the number of students and scholars facing such checks, with the highest number coming from the Middle East, South Asia, and China. However, between 2007 and 2008, the number of MIT scholars subjected to delays of at least one month increased from 12 per year to around 50 per year.

International Students Office Director Danielle Guichard-Ashbrook said that there have been about 25 instances of students facing extensive visa delays over the past academic year, compared to 12–15 during the previous year. According to Guichard-Ashbrook, the average wait is three weeks, but waits of six to eight weeks are not uncommon among Middle Eastern males.

Further, while students and scholars in all fields have been subjected to lengthy background checks, Rosser and Guichard-Ashbrook mentioned that students and scholars in the biological and physical sciences, as well as engineering, are especially targeted.

Although international students and scholars hoping to come to MIT are very rarely denied visas to enter the United States, the risk of extensive delays is still liable to create the kind of agony faced by Chen.

“You can imagine how they feel when they end up getting stuck,” said

Rosser. “Their research is here. Their department is here. Their families are here.”

Students are permitted to stay in the United States after the expiration of their visas, so long as they are continuing their academic work. Those who leave the country — either for personal, academic, or business purposes — have to contend with the trouble of coming back. For some, like Chen, that means having to apply for a new visa, but for others, like Sameer Hirji ’11, that means facing additional screening at the airport.

Hirji, a Tanzanian national of South Indian and Persian descent, said his challenge comes solely at the point of entry. Provided one’s documents are in order, he said that most Tanzanian students applying to study in the United States hear back from the U.S. embassy within two days.

Despite that, Hirji said that his passport often singles him out for additional screening when traveling. On his latest trip from home, he said he was screened seven times, including four times at London’s Heathrow Airport, where he was simply transferring between flights. In contrast, on a recent trip back from Amsterdam, he avoided the additional screening after pointing out that he was with friends with U.S. citizenship.

Similarly, Tarek El-Moselhy G, who grew up in Egypt, was stopped at Logan Airport on his way back from Saudi Arabia in Jan. 2006. Security officials asked him to explain every piece of Arabic text on him and briefly confiscated his laptop computer.

“I never used that computer again,” said El-Moselhy, uncertain what the airport officials did with the laptop out of his view.

Yasmeen al-Dawsari ’11, who is from Saudi Arabia, said that acquiring her visa and entering the United States for the first time was not a problem, but that she faced an unusually high level of screening after returning from

a brief trip to Montreal. Prior to her flight, U.S. officials stopped her and asked her to undergo a registration process, which she said was usually just done to Saudi males.

The two-hour process caused her to miss her flight and left her puzzled as to the reason for the ordeal.

“You allowed me to come to your country,” said al-Dawsari, speaking of her prior entry to the U.S. “So why are you giving me a hard time?”

According to Guichard-Ashbrook, the lengths of visas are partly dependent on reciprocal agreements between the U.S. and foreign governments. That means visa lengths vary between students and do not always coincide with dates of graduation.

For example, while Majda AlMarzouqi ’12, a student from the United Arab Emirates, has a ten-year visa, Chen’s visa is for only three months. If Chen were to leave the U.S. after June, she would have to apply for a new visa to re-enter.

Though many international students have experienced, or know someone who has experienced, delays getting visas or entering the United States, some said they understood the rationale behind them.

Pointing to the Sept. 11 attacks, El-Moselhy said it is understandable that there has been increased scrutiny of young, single Muslim men.

“I do understand,” said El-Moselhy. “I don’t think it’s an unfair process.”

El-Moselhy believed his visa application was less scrutinized because he had a wife and child. He received his visa to the U.S. in less than a week, compared with single Egyptian men his age who sometimes have to wait up to six months.

AlMarzouqi and al-Dawsari speculated that they received their applications with minimal delay because they were women rather than men, as they both recalled male Arab friends and relatives who had experienced a

greater amount of difficulty getting to the United States.

Ammar Ammar ’09, a Palestinian student from the West Bank, suggested that planning ahead is probably the best way to avoid complications with

U.S. visa applications.

Recalling a warning from U.S. consular officials in Jerusalem, Ammar said, “They make it clear that this takes forever, so they can’t guarantee anything.”

Police Log

The following incidents were reported to the MIT Police between Mar. 21, 2009 and Mar. 31, 2009. This summary does not include incidents such as false alarms, general service calls, or medical shuttles.

- Mar. 21:** M50 (142 Memorial Dr.), 12:27 a.m., Basement storage area tampered with.
- Mar. 22:** W34 (120 Vassar St.), 4:22 p.m., Theft of wallet from men’s locker room locker.
- Mar. 23:** E51 (70 Memorial Dr.), 5:05 p.m., Attempted break-in of office.
NW22 (185 Albany St.), 7:14 p.m., Report of suspicious person with a screwdriver eyeing up a motorcycle. Motorcycle damaged.
W89 (291 Vassar St.), 8:37 p.m., Report of harassing telephone calls.
- Mar. 24:** M7 (77 Mass. Ave.), 1:25 a.m., Report of suspicious persons. Arrest of Gregory E. Gales, 10 Cawfield St., Boston, Mass. on outstanding warrant. Second individual given trespass warning.
- Mar. 25:** NE49 (600 Tech. Sq.), 2:04 p.m., Report of fraudulent check.
W20 (84 Mass. Ave.), 2:26 p.m., Theft of unattended pocketbook.
PBE (400 Memorial Dr.), 7:19 p.m., Laptop stolen.
- Mar. 26:** NW21 (190 Albany St.), 2:47 p.m., Fight between two homeless males.
- Mar. 27:** Kendall Sq. T (290 Main St.), 5:43 p.m., Assist to Cambridge Police for assault.
W34 (120 Vassar St.), 7:53 p.m., Wallet stolen from locker in men’s locker room.
W34 (120 Vassar St.), 7:57 p.m., Second wallet stolen from locker in men’s locker room.
- Mar. 29:** M9 (77 Mass. Ave), 10:26 p.m., Bike stolen.
- Mar. 30:** TX (64 Bay State Rd.), 4:33 p.m., Camera stolen.
- Mar. 31:** Lot 2 (20 Albany St.), 12:48 p.m., Vehicle break-in and theft of GPS.


COMPILED BY PEARLE LIPINSKI

Faith and Spirituality in Professional Life: Asset or Liability?

a panel discussion

Saturday, April 18th, 4-6p


MIT room 34-101



Partha S. Ghosh

Partha S. Ghosh and Associates

Former Partner, McKinsey & Company



Monem Salam

Director and VP, Islamic Investing,

Saturna Capital

Sponsored by: MIT Muslim Students Association, LEF/ARCADE, MIT Chaplain to the Institute

Communication Requirement Sees 15% Cuts, Not 5%

By Jessica Lin
STAFF REPORTER

The department in charge of the Communication Requirement will experience over a 15 percent decrease in its budget this year, according to Daniel E. Hastings '78, dean for undergraduate education. Administrators are now discussing how to implement the cuts, which may involve staff cutbacks.

The Communication Requirement has traditionally operated over budget, according to Kathleen MacArthur, assistant dean for the Communication Requirement. It has always relied on supplemental funds from the Provost. Next year, the Communication Requirement will still receive its full base budget but will not receive supplementary funds, so it is being forced to cut back spending.

The Provost's extra funds have in the past allowed for "more instructional support in the CI-Hs and CI-Ms from Writing Across the Curriculum (WAC) staff and more sections of CI-HWs," according to Hastings.

The Communication Requirement receives part of its funding from other departments, which hire faculty and teaching assistants. The majority of the support, though, comes from the Writing Across the Curriculum program, according to MacArthur. Both of these areas will be affected by the budget reduction: Departments' contributions

will fall, and the Office of Writing Across the Curriculum is also getting less funding.

"We have had to reduce levels of TA support as well as reduce the amount available to the Writing and Humanistic Studies Program's part of the [Communication Requirement] support budget," said Hastings.

A final budget will not be completed until early May, according to MacArthur, though human resources guidelines have compelled administrators to notify staff who may be laid off or have their hours reduced in the coming year. These faculty were told in a letter that "if funding became available, there is a possibility" they will retain their current positions, said MacArthur.

Beyond that, MacArthur said it "would not be appropriate" to detail the current discussions about budget allocation.

Les Perelman, Director of Writing Across the Curriculum, had no comment, and Thomas Levenson, Interim Head of the Program in Writing and Humanistic Studies, reiterated that the distribution of next year's budget is as of yet undecided.



Writing tutor Susan Spilecki works on an essay with graduate student Masafumi Hashimoto on April 16. Institute-wide cuts could affect communication departments at MIT.

ANDREA ROBLES—THE TECH



announcing:
**The Spring 2009
LOADING
DOCK SALE!**
**Sat., April 18th,
10:00am-7:00pm**
"No Dealers" Day*
**Sun., April 19th,
10:00am-7:00pm**
"Open to All" Day*

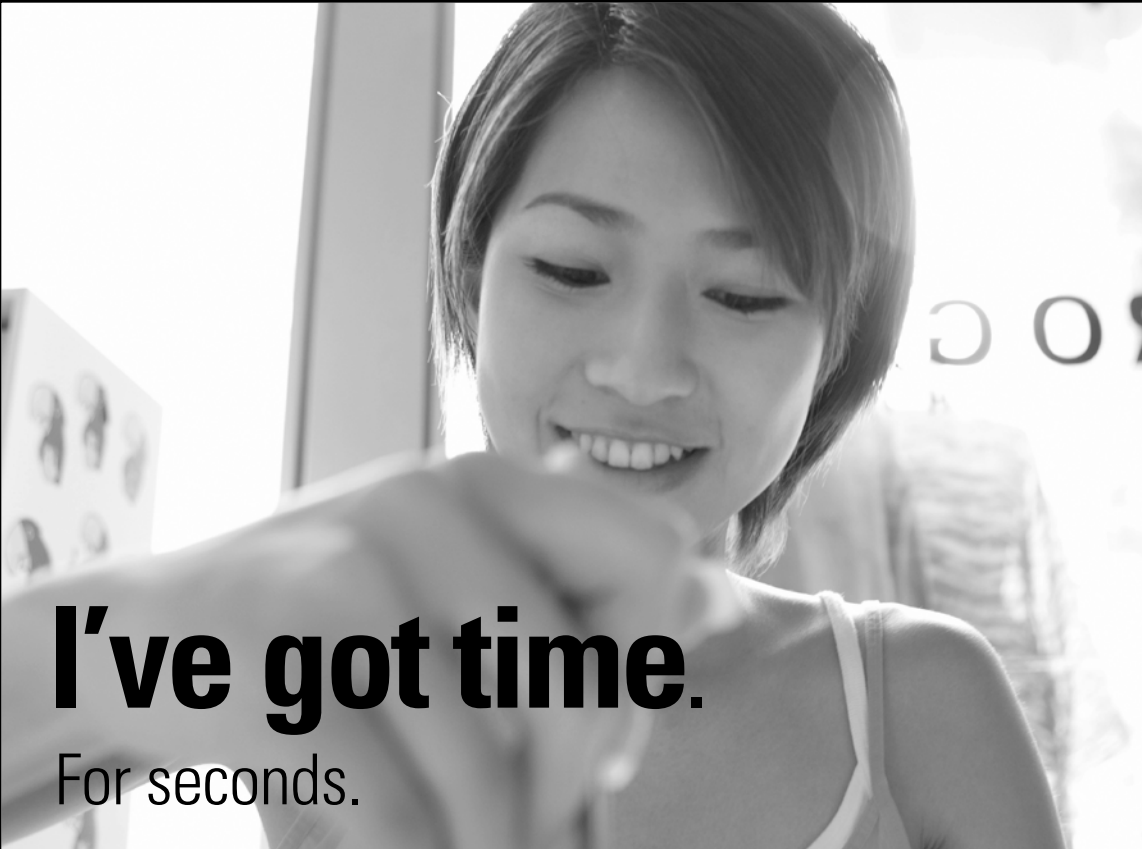
- Books up to 95% off!
Huge savings on:
- Shelfworn Books •
 - Out-of-Print Books •
 - Journals Back-Issues •
 - Overstock •

*see website for details:
web.mit.edu/bookstore/www/

**"a feeding frenzy
for the brain!"**



**The MIT Press
Bookstore**
292 Main Street
Kendall Sq., Cambridge
(617) 253-5249
books@mit.edu
9-7 M-F, 10-6 Sa, 12-6 Su



SAVE
20% Go to fedex.com/freetime to save with promo code **PRT231**.
Text **"FREE TIME"** to **73997** to learn more.*

Reclaim your free time
with FedEx OfficeSM Print Online

Let FedEx Office print and assemble your class work. Upload your document using FedEx Office Print Online, select your preferences in just a few clicks and pick up your completed project at any FedEx Office Print & Ship Center.SM



*Standard text message rates apply. An additional text message charge of .99 cents will be applied to each text message sent in connection with this promotion. This charge will be billed on your wireless phone bill or deducted from your pre-paid wireless balance. You must be a registered FedEx OfficeSM Print Online user to receive 20% discount. Use promo code PRT231 to receive a 10% discount without registering for FedEx Office Print Online. Discount offer valid through June 30, 2009. Discount cannot be used in combination with volume pricing, custom bid orders or other coupons, special offers or discounts. Offer valid at the time of purchase only and may not be discounted or credited toward past or future print purchases. Discount does not apply to shipping or delivery charges. Offer void where prohibited or restricted by law. No cash value.



**What's
Going On?**

MIT can be a
bewildering place
if you don't know
what's going on.

Don't be a
confused panda!
Instead, be a
smart panda.
A happy panda.

Tech reporters hunt down
the news; photographers
get exclusive shots; and
production staff see the
entire issue—even the
parts that don't make it to
press—long before we print.
Want in? Join *The Tech*!



join@the-tech.mit.edu



**IM IN UR ROOM,
READIN UR
Tech**

join@the-tech.mit.edu

Beavernappers Capitulate: Tim Returns for CPW

Sports Cuts, from Page 1

to weigh a multitude of criteria when determining which sports to cut: how interested are students in the team? What resources are required to manage it? What are its expenses? Does it comply with the federal Title IX law? Is the coaching high-quality?

A team’s performance, however, will not have a big impact on the decision. “Performance may be a strong measure on the Division I level,” said Soriero. “It doesn’t have a place at the Division III level.”

DAPER has been told to cut its spending by \$1.46 million over three years, including \$485k for fiscal year 2010. This number represents a 5% cut in DAPER’s total expenditures of \$9.7 million, which is calculated by subtracting salaries of faculty members of DAPER (such as some coaches) from its overall budget.

This cut is consistent with cuts throughout all of the Division of Student Life, said Chris Colombo, Dean for Student Life. Colombo has asked each area within DSL, such as DAPER and Housing and Residential Life, to cut 5% of their total

expenditures, minus faculty salaries. Housing and Residential Life contains no faculty.

Colombo defended the decision to cut each of the areas under DSL by noting it was the fairest option. “Every unit, across the board in DSL, supports students.” Adjusting how much each cuts “would be like asking the engineering school to cut more than the school of science.”

According to Colombo, DSL, along with other departments at the Institute, has been asked to reduce its expenses by 5% in FY 2010. DSL’s reduction totals to \$2 million for the upcoming fiscal year, 5% of their operating expenses of \$40 million. The department’s overall budget is \$97 million, which includes additional expenses such as campus dining contracts, residential debt service, and faculty compensation.

Students also provided additional input to DAPER this week. The Student Athletics Advisory Committee co-chairs Julie C. Andren ’10 and Catherine Melnikow ’10 met with members of most of the varsity teams over the last few weeks to discuss changes the teams could

make to reduce spending. “We’ve condensed input from lots of teams into eight big ideas,” said Andren. The report was presented to Soriero earlier this week, who said she “will take it under consideration.”

As notification of decision to cut varsity sports has been spreading throughout the community, it has drawn numerous concerns from alumni and parents. The natural response from alumni has been “what can be done to save a sport?”

According to Soriero, a significant contribution, in particular an endowment, would help reinstate a sport in the future if a sport happened to be cut. “We don’t want to be stuck in a similar position in a few years.” This means that short-term alumni donations meant to stave off economic hardship might not be of much use.

The cuts to DAPER have not fallen entirely on varsity athletics. So far this year, DAPER has already frozen capital expenditures, decreased some off-campus physical education classes, laid off part-time staff, and reduced overtime. DAPER does not plan to lay off full-time per-

sonnel aside from those involved in varsity sports, Soriero said.

After this year, varsity sports will not be cut further: The cuts are a one-time solution meant to make it easier for MIT to focus on the sports that will continue.

Kidnapper Returns Tim the Beaver

MIT’s mascot has returned. The suit of Tim the Beaver, which was taken during Athletics Weekend last Saturday by a group of students upset with the impending cuts to var-

sity sports, was returned on Tuesday evening. The suit was found in a duffel bag by a DAPER staff member, who then contacted the MIT Police, said director of the Campus Activities Complex Phil Walsh. The police returned the beaver suit to CAC on Wednesday morning. The suit was returned in good condition, said Walsh.

Walsh also said that no student group had reserved Tim during the time that he was taken, and it was back in time for the activities during CPW.

Solution to Sudoku

from page 7

3	1	9	6	5	8	2	4	7
4	5	6	3	7	2	9	8	1
2	8	7	9	4	1	5	6	3
1	2	8	4	6	5	3	7	9
5	6	3	7	8	9	4	1	2
9	7	4	1	2	3	8	5	6
8	3	1	5	9	6	7	2	4
6	4	2	8	3	7	1	9	5
7	9	5	2	1	4	6	3	8

Solution to Crossword

from page 8

C	A	R	O	M		O	A	F	S		S	W	A	G			
O	B	A	M	A		C	H	A	P		T	I	L	E			
N	O	S	E	S		C	A	L	L		S	N	I	T			
J	O	H	N	Q		P	U	B	L	I	C		G	A	B		
						U	A	R			C	L	A	S	S	Y	
B	A	R	R	E	N			S	T	E	A	L					
E	L	I	A		I	S	E	E			S	P	I	E	S		
T	O	M	D	I	C	K	A	N	D		H	A	R	R	Y		
S	T	E	I	N		I	L	S	A		C	O	I	N			
						S	T	E	P	S		C	H	A	N	C	E
M	O	T	H	R	A			S	H	A							
S	H	Y			O	R	D	I	N	A	R	Y	J	O	E		
N	A	P	E			N	A	D	A		L	A	U	R	A		
B	R	E	W			E	V	E	R		O	L	D	E	R		
C	A	S	E			D	E	A	L		W	E	I	S			

Curriculum, from Page 1

cording to Donald R. Lessard, a Sloan School professor and co-chair of the Energy Education Task Force that developed the minor. Alumni donations, in particular, have been crucial to supporting the minor, said Lessard. “We are finding an extreme amount of interest from alumni in support of this endeavor,” he said. In addition, the Deans of Science and Engineering will support three teaching assistantships for the new energy classes.

Whereas all existing minors at MIT are administered by a single academic unit, the Energy Education Task Force felt the energy minor needed representation from every school. They have proposed that the minor be governed by an Inter-School Educational Council, composed of one associate dean from each of MIT’s five schools, the dean of undergraduate education, and one associate provost. Lessard said this structure came out of “a philosophical and pragmatic sense that the minor should be Institute-wide and maintain a deep engagement from every school,” while at the same time having someone with clear responsibility for it. An additional eight faculty members will be responsible for overseeing the minor’s curriculum.

A motion to approve the Inter-School Educational Council was brought to Wednesday’s faculty meeting. The faculty will vote on the new minor and Inter-School Educational Council on May 20. While for now, the energy minor would be the only program overseen by the Inter-School Educational Council, new minors in other subjects such as sustainability and globalization might be developed to use the same structure.

Vladimir Bulovi , a professor in the Department of Electrical Engineering and Computer Science and co-chair of the Energy Education Task Force, said, “The primary objective [of the minor] is well-versed students. We want to give students an opportunity to focus their course of study in a direction that is well-defined toward energy ... [and] establish an energy commons that brings students together from different disciplines.”

In a survey conducted in Feb. 2009, 236 freshmen and sophomores said there were “very interested” or “extremely interested” in an energy minor.

—Natasha Plotkin

New Proposal Will Simplify HASS Requirements

The faculty moved to simplify the humanities, arts, and social sciences requirement at the faculty meeting on Wednesday. The motion, if passed, will eliminate the current humanities, arts, and social sciences distribution (HASS-D) requirement and require students to take one course from each of the humanities, arts, and social sciences categories.

The HASS concentration requirement will remain the same.

All humanities, arts, and social sciences courses will be categorized by a new subcommittee of the Committee on the Undergraduate Program that will oversee the new requirement.

The motion, if approved by the faculty, would affect incoming freshmen starting in 2010 or 2011. The Committee on the Undergraduate Program has not yet decided whether or not upperclassmen would be allowed to choose between the old and new HASS requirements when the new system is in place.

The change aims to make the HASS requirement easier to understand and administrate. It would eliminate redundancies between the HASS-D and communications intensive requirements for subjects in the humanities. The current HASS system requires students to take one subject from each of three of the humanity distribution categories.

Wednesday’s motion to change the HASS requirement is almost identical to a proposal that was rejected by faculty in February to reconfigure the General Institute Requirements. Originally, the plan was presented as a package deal, consisting of both engineering and humanities requirements. The Committee on the Undergraduate Program decided to separate the HASS part from the proposal and present it separately because it had garnered widespread support from both faculty and students.

The faculty will vote on this HASS proposal at next month’s faculty meeting on May 20.

—Natasha Plotkin

THANK YOU M.I.T.



Bose® Wave® music system



QuietComfort® 2 Acoustic Noise Cancelling® Headphones



Companion® 3 multimedia speaker system

Please direct all inquiries to the “M.I.T. Purchase Program.”

Bose Corporation
1-800-444-BOSE

BOSE
Better sound through research®

©2004 Bose Corporation. Patent rights issued and/or pending. Delivery is subject to product availability.

Coop Student Board of Directors Election Update

The following student Coop members are candidates for the Board of Directors for the 2009-2010 academic year.



MIT Undergraduate Students:
Hattie Chung 2011
Naisi Gao 2011

MIT Graduate Students:
Tanguy Chau 2011
Lorena Lee-Houghton 2011
Paul Romano 2011

Harvard Undergraduate Students:
Melissa Oppenheim 2012
Edmund Soriano 2011
George Thampy 2010
Danni Xie 2012

Harvard Graduate Students:
Aaron Chadbourne 2011
Luke Fuszard 2010
Johanna Wightman 2010



[HTTP://www.thecoop.com](http://www.thecoop.com)

Support Your Candidate/s VOTE ONLINE at:
www.thecoop.com

April 6 Through April 27

2009 MIT OPEN BALLROOM DANCE COMPETITION

APRIL 25 & 26
FREE ADMISSION TO COMPETITION EVENTS

PROFESSIONAL SHOW

APRIL 25, 7PM
STUDENT TICKETS \$10 IN ADVANCE
For more ticket information visit
ballroom.mit.edu/comp

MIT ROCKWELL GYM
106 Vassar St.
Right behind the
Student Center



FEATURING
LUCA AND LORAIN BARICCHI

Supported in part by MIT Council for the Arts

We want you in our sheets.



join@tt.mit.edu
W20-483, 617-253-1541

MIT Sustainability Summit

Discovering New Dimensions for Growth

Friday, April 24th 2009 - 9AM-8PM - Walker Memorial - MIT

SPEAKERS INCLUDE

Arthur Holcombe, President
Tibet Poverty Alleviation Fund

Daniel Mahler, Global Coordinator for
Sustainability, *A.T. Kearney*

Gwen Ruta, Vice President
Environmental Defense Fund

Mindy Lubber, President
Ceres

Wayne Balt, VP of Environmental Affairs
IBM Corporation

Philip Giudice, Commissioner,
Massachusetts Department of Energy

Michael Shellenberger, President
Breakthrough Institute

How do we progress towards sustainability in a recession?

How do we measure the success of our sustainability practices?

How do we seize opportunities for innovative approaches and partnerships in sustainability?

REGISTER NOW at

<http://sustainabilitysummit.mit.edu>



Yankees Projected to Miss Playoffs, Even After Spending Spree

Baseball, from Page 24

morning, they still haven't managed to get a single win. Might they take a page from the Detroit Lions' book and try to go 0-162?

Speaking of failing, let's digress to my fantasy baseball draft... two of my top four picks are on the DL right now, I'm practically dead-last in saves despite having five closers, and as it turns out, I thought we were playing a completely different format than we actually are... but enough of my rambling...

And now, my picks for the division champions this year:

A.L. East: Boston Red Sox — Their slow start is a fluke, and they should be able to hold off the Rays.

A.L. Central: Chicago White Sox — The Twins and Tigers could make things interesting though...

A.L. West: Seattle Mariners — Bias? What bias?

A.L. Wild Card: Tampa Bay Rays — I just want to see the Yankees miss the playoffs, again — especially after all that ridiculous offseason spending.

N.L. East: New York Mets — A much-improved bullpen will prevent another September meltdown.

N.L. Central: Chicago Cubs — And the curse continues...

N.L. West: Los Angeles Dodgers — Manny can carry the Dodgers again in the league's weakest division.

N.L. Wild Card: Philadelphia Phillies — They will have to earn a play-off spot this time, instead of being gifted by the Mets.

More predictions (or random guesses) to come next time, when I actually don't have a bunch of tests or problem sets due the next day...

Eating Disorder Treatment

Treatment of Adults Suffering from Anorexia and Bulimia Nervosa



Informed clinicians refer their clients to Laurel Hill Inn. LHI provides the most effective treatment and deploys the highest staff-to-client ratio in New England. We provide extensive programming in a highly structured and supervised non-institutional therapeutic setting. Evening, day, and residential treatment as well as weekly support groups in West Medford and West Somerville. Call Linda at 781 396-1116 or visit www.laurelhillinn.com.

Useful CPW phone numbers:
Campus Police (617) 253-1212
CPW Headquarters (617) 258-6085

PHILIP GLASS

APRIL 30, 2009

AHIMSA:

A TRIBUTE TO NON-VIOLENCE & HUMANITY

A BENEFIT CONCERT

Traditions are imploding and exploding everywhere - everything is coming together, for better or worse, and we can no longer pretend we're all living in different worlds because we're on different continents.

PHILIP GLASS
COMPOSER

AHIMSA: A Tribute to Humanity and Non-violence
A Benefit Concert by Philip Glass
April 30, 2009 at 5:30 PM, Kresge Auditorum, MIT
For tickets call 800 838 3006 or visit <http://thecenter.mit.edu>

THE DALAI LAMA
CENTER
FOR ETHICS
& TRANSFORMATIVE VALUES

The Dalai Lama Center for Ethics and Transformative Values at MIT
Massachusetts Institute of Technology, 77 Massachusetts Avenue, W11-004, Cambridge, MA 02139. USA
T +1 617 324 6030 | F +1 617 253 0628 | E info@thecenter.mit.edu | W <http://thecenter.mit.edu>

COMPUTERS - HI TECH - HAM RADIO

GIANT

www.

SWAPFEST

.us

NOW the THIRD SUNDAY of EACH MONTH ALL SUMMER

BARGAIN ELECTRONICS - COMPUTERS - RADIO PARTS

SOFTWARE - HARDWARE

Sunday, April 19th

- Buy Sell Swap - 9 AM to 2 PM

Albany and Main Streets, Cambridge

TAILGATE ROOM FOR OVER 200 SELLERS

Rain or Shine — Garage Available

BUYERS \$ 5

\$1 off with MIT ID

SELLERS \$ 20

per space includes 1 admission

Central Sq.
Main St.
Tech Sq.
Kendall Sq.
Albany St.
Vassar St.
MIT
Memorial Drive
Charles River

FREE!

Buyers Parking

VENDORS

from all of New England

Come early for BEST BARGAINS

Sponsored by: W1MX, the MIT Electronics Research Society, W1XM/R

SPORTS

The Long Offseason Is Over; It's Time for Baseball to Resume

By David Zhu
SPORTS EDITOR

The 2009 MLB season is finally under way, and while the anticipated has given way to excitement, this also means that baseball fans start to lose half of their time awake following scores and tracking their fantasy baseball team. Anyway, here are some random thoughts, and predictions for the season.

One of the most entertaining aspects of baseball in early April is the standings. We all know that the Red Sox, Yankees, and now Rays are all supposed to contend for the American League East title, right? Well, they currently happen to be the three bottom teams in the division, behind... the Orioles. Similarly, we find the Royals, Mariners, Marlins, and Padres in first place in their respective divisions... let's see how

long they can keep it up. And about the Mariners: they might actually be able to make a run for the playoffs this year. (I say this every season, but still... let me bask in my false hope, alright?) They finally got rid of their grossly incompetent front office, found a new manager, brought back Ken Griffey, Jr., and now they're 6-2, even without Ichiro in the lineup. If Erik Bedard can stay healthy and live up to his hype, then they would have the best No. 1 and 2 starters outside of New York and Boston — past that, though, things get hairy. (Carlos Silva, anyone?) It's not easy being a Mariners fan...

At least I can take comfort in the fact that no matter how bad they are, the Mariners still suck less than a few other teams. Take the Washington Nationals, for instance: as of Friday

Baseball, Page 23

Game of the Week Nunez Drives in Four As Baseball Extends Winning Streak to Four

By James Kramer
DAPER STAFF

Steven M. Nunez '09 came off the bench to drive in four runs including a base-clearing triple in the fifth inning, as MIT earned the fourth of five consecutive victories with a 9-4 victory over Springfield College at Briggs Field on Tuesday. Rookie pitcher Christopher L. Vaughan '12 enjoyed his best outing of the campaign after giving up one earned run in 7.1 innings of work while notching his second career win.

Brian P. Doyle '11 was the first to light the board for MIT with a one-out single to left field in the second. David M. Nole '09, who singled through the right side to start the frame, scored to give the Engineers a 1-0 lead.

The Pride jumped on top in the third as John Schmaltz rocked a two-run homerun to right field. A one-out error extended the inning

for Springfield, and despite another miscue after the homerun, MIT escaped the rest of the stanza unscathed. The hot corner (third base) proved to be a sore spot for Tech's defense on Tuesday as the Pride added an unearned run in the top of the fifth to move in front, 3-1. Two players combined to commit four errors at third, although the damage was minimal as Vaughan pitched out of the trouble.

Creed J. Mangrum '12 sparked a six-run fifth for the Engineers with a one-out bunt single. MIT drew three walks in four at bats to reduce the deficit to 3-2, while Nunez drilled a line drive to deep center field to clear

the bases and push the Engineers in front for good.

The Pride responded with another unearned run in the sixth as Luke Gabordi scored on a nicely-executed 4-6-3 double play. Despite inching a little closer, Nunez singled home another score for MIT in the seventh before stealing home to cap the scoring.

Vaughan had three strikeouts and scattered eight hits en route to the win, while Stephen C. Toth '09 was nearly flawless in relief.

Ryan White shouldered the loss for Springfield after yielding seven earned runs in 4.2 innings on the mound.

The Tech's Athlete of the Week: Casey Flynn '10

For the first time in her career Casey M. Flynn '10 was voted the New England Women's and Men's Athletic Conference (NEWMAC) Women's Lacrosse Player of the Week. In a 3-0 week for MIT, she tallied 16 goals, six assists, six groundballs, four caused turnovers, and one draw control.

Last Tuesday against Simmons College, Flynn tied the Institute record for points in a game with eight goals and two assists to go along with four groundballs and four caused turnovers. She totaled five goals and two assists versus Colby-Sawyer College before capping the week on Saturday with three goals and two assists at NEWMAC foe Smith College.

Coming on the heels of her Player of the Week selection, Casey Flynn became only the fifth player in the history of the MIT women's lacrosse program to score 100 goals by tallying a free-position shot in a 7-3 victory over host Wheaton College.

—Mindy Brauer, DAPER Staff

UPCOMING HOME EVENTS

Friday, April 17, 2009

Men's Tennis vs. Bowdoin College	3 p.m., duPont Tennis Courts
Softball vs. U.S. Coast Guard Academy	3:30 p.m., Briggs Field
Softball vs. U.S. Coast Guard Academy	5:30 p.m., Briggs Field

Saturday, April 18, 2009

Men's Lightweight Crew Geiger Cup	9 a.m., Charles River
Men's Heavyweight Crew Compton Cup	9 a.m., Charles River
Sailing Central Series	9:30 a.m., Charles River
Sailing Oberg Trophy	9:30 a.m., Charles River
Men's Tennis vs. Clark University	1 p.m., duPont Tennis Courts
Women's Tennis vs. Skidmore College	1 p.m., duPont Tennis Courts

Sunday, April 19, 2009

Sailing Oberg Trophy	10:30 a.m., Charles River
Women's Tennis vs. Vassar College	11 a.m., duPont Tennis Courts
Baseball vs. Newbury College	12 p.m., Briggs Field

Softball Splits Doubleheader with Smith

After pushing the tying run across in the top of the seventh to force extra innings, the MIT softball team exploded for 10 runs in the ninth to win game one of a New England Women's and Men's Athletic Conference (NEWMAC) doubleheader, 16-7, at Smith College on Tuesday. The Engineers fell in the nightcap, 10-4, in a game that lasted just six innings due to darkness.

MIT struck first in game one, opening up a 4-1 lead. Five singles and a hit batsmen would lead to four runs for Smith in the fifth, giving the Pioneers their first lead of the game at 5-4. Jessica L. Iacobucci '12 picked up a key RBI in the seventh, as Lily Keung '10 scored the tying run to extend the contest.

The teams traded runs in the eighth before MIT's offensive outburst secured the win. Iacobucci and Jessica M. Oleinik '11 each drove in runs in two separate plate appearances during the scoring run.

In the second game of the day, Tech fell behind early and was unable to overcome a seven-run deficit, eventually falling in six innings.

Smith put three runs on the board in each of the first two innings, as pitchers Erin Quinn and Emily Hiltzik, held the Engineers to just four runs on six hits. Aubrey L. Tatarowicz '10 led off the fourth with her first career homerun, one of the few offensive bright spots in the losing effort.

—Greg McKeever, DAPER Staff

MIT Names Chad Martinovich Head Football Coach

On Wednesday, MIT Director of Athletics Julie Soriero announced the hiring of Chad Martinovich to serve as the second head coach in the history of the MIT football program. Martinovich makes the trek to Cambridge from Rensselaer Polytechnic Institute (RPI), where he was the Defensive Coordinator for the last four years.

Martinovich takes over the reins from long-time head coach Dwight Smith, who retired from coaching following a strong campaign in which he earned NEFC Coach of the Year honors for the second time. Smith had been with the program since its return to the club ranks in 1978, and guided the Engineers into their first varsity game in 1988.

At RPI, Martinovich's defense ranked first in the Liberty League three straight years, while the team qualified for the NCAA Championship Tournament in 2007. In the other three seasons Martinovich spent commanding the Raiders' defensive corps, RPI were ECAC Bowl champions.

"I'm excited and really looking forward to being part of the MIT family," said Martinovich. "It's a tremendous honor to follow in Coach Smith's footsteps, and I am eager to bring the alums into the fold as soon as possible. Collectively, we aim to build on the program's solid foundation, and take MIT football to new heights by delivering a great product on and off the field."

—James Kramer, DAPER Staff

MIT Official Sports GEAR including hats, t-shirts and more items with the name of your favorite team!



To purchase items go
ON-LINE: www.mitathletics.com then
click on "Athletics Merchandise"
ON CAMPUS: DAPER Main Desk, W35 lobby

Your purchase supports MIT sports programming.
-Thank you!

SCOREBOARD

Baseball	
Monday, April 13, 2009	
U.S. Coast Guard Academy (6-17, 2-6 NEWMAC)	1
MIT (13-8, 4-4 NEWMAC)	18
U.S. Coast Guard Academy (6-18, 2-7 NEWMAC)	4
MIT (14-8, 5-4 NEWMAC)	7
Tuesday, April 14, 2009	
Springfield College (7-19, 3-6 NEWMAC)	4
MIT (15-8, 6-4 NEWMAC)	9
Wednesday, April 15, 2009	
Eastern Nazarene College (13-12)	8
MIT (16-8)	15
Men's Tennis	
Tuesday, April 14, 2009	
Brandeis University (7-10)	2
MIT (11-1, 3-0 NEWMAC)	7

For more information, see <http://www.mitathletics.com>.

Softball	
Tuesday, April 14, 2009	
MIT (6-14)	16
Smith College (5-20)	7
MIT (6-15)	4
Smith College (6-20)	10
Wednesday, April 15, 2009	
MIT (6-16, 3-8 NEWMAC)	2
Wellesley College (15-11, 9-3 NEWMAC)	7
MIT (6-17, 3-9 NEWMAC)	3
Wellesley College (16-11, 10-3 NEWMAC)	11
Men's Lacrosse	
Wednesday, April 15, 2009	
MIT (6-5)	11
Norwich University (2-6)	5
Women's Lacrosse	
Saturday, March 11, 2009	
MIT (8-3, 2-1 NEWMAC)	3
Wheaton College (5-6, 1-2 NEWMAC)	7

MIT'S OLDEST AND LARGEST NEWSPAPER NEEDS YOU! JOIN@TECH.MIT.EDU